



CDH Consulting, LLC
Thornton, Colorado
720.431.7468
www.CDHConsult.com

REMEDIATION PLAN

Close Encounters State Com #301H

API #30-025-52945

NMSLO Lease ID #VC06370003

Incident #nAPP2434838184

Buckeye, New Mexico

32.7411663,-103.5160382

Unit N, Section 13, Township 18 South, Range 34 East

PREPARED FOR

Lario Oil & Gas Co (OGRID #13089)

260 Josephine Street

Denver, Colorado 80206

PREPARED BY

CDH Consulting, LLC

Thornton, Colorado

720.431.7468 / www.CDHConsult.com



March 10, 2025

Brittany Hall
Environmental Specialist
Environmental Bureau Projects Group
New Mexico Energy, Minerals and Natural Resources Department
1000 Rio Brazos Road
Aztec, New Mexico 87110

RE: Remediation Plan

Close Encounters State Com #301H
API #30-025-52945
NMSLO Lease ID #VC06370003
Incident #nAPP2434838184
32.7411663,-103.5160382
Unit N, Section 13, Township 18 South, Range 34 East

Brittany Hall,

Lario Oil & Gas Co (Lario) retained CDH Consulting, LLC (CDH) to complete delineation and remediation at the Close Encounters State Com #301H release. This plan proposes simultaneous delineation and remediation via excavation and presents analytical results for activities completed to date.

SITE INFORMATION

The Close Encounters State Com #301H is located approximately 4.20 miles south of Buckeye, New Mexico (Figure 1). The legal location description is Unit N, Section 13, Township 18 South, Range 34 East, Lea County, New Mexico.

On December 12, 2024, during coiled tubing rig up operations, the blowout preventer (BOP) fell from the forklift when a hydraulic line ruptured. Damage to the casing valve occurred when the BOP struck the well head casing valve, resulting in a loss of well control and a release to the environment. The release occurred on New Mexico State Trust Lease ID #VC06370003, flowed onto Lease ID #VB18760003 (Franklin Mountain Energy 3, LLC), and terminated on private land (Property Code: 4000779880001) owned by SB Land, LLC. Notification to SB Land, LLC., was completed immediately, a Notification of Release (NOR) was submitted to the New Mexico Oil Conservation Division (OCD), and the New Mexico State Land Office (SLO) was notified via their online reporting portal. Documentation of notification to the OCD and SLO are included in Attachment A. Landownership and lessee information is presented on Figure 2.

Wild Well Control of Odessa, Texas, was retained to regain well control and stop the release. On December 15, 2024, at approximately 11:34am Mountain Standard Time (MST), well control was regained, and the release was stopped. On December 27, 2024, the Initial Form C-141 was submitted to the OCD detailing the initial response efforts and estimated release volumes. The initial C-141 is included in Attachment A. The OCD has assigned incident #nAPP2434838184 to the release.



The total volume of oily water disposed at Clearwater SWD via vacuum truck is 10,600 barrels (bbl). Assuming 90% recovery, a total volume of 11,800 bbl was released. It is assumed that 90% of the total fluid released was water due to the fact this well was just completed, which results in estimated release volumes of 10,620 bbl of water and 1,180 bbl of oil. Gas Volumes (based on the type curves from nearby production wells) - $613.33 \text{ cubic feet/bbl} \times 12,350 \text{ bbls (oil)} = 7,574 \text{ thousand cubic feet (Mcf)}$ or 7.574 million cubic feet (MMcf). A summary of waste manifests for oily water and impacted soil (R360) will be included in the Remediation Closure Report.

SITE CHARACTERIZATION

The release flowed into the wash located east of the drilling pad and ultimately into Iron House Draw which is considered a significant watercourse and is mapped as Riverine wetland. The release terminated approximately 60 feet north of a playa lake and 20 feet north of a stock pond. The release is not within 300 feet of an occupied permanent residence, school, hospital, institution or church, is not within an unstable area, and is not within a 100-year floodplain. Mapped wetlands are presented on Figure 3.

An inactive groundwater well was identified on the United States Geological Survey (USGS) National Water Information System Mapper located approximately 70 feet south of the release terminus with a static water level documented to be 73.30 feet below ground surface (bgs) in 1996. New Mexico Office of the State Engineer (OSE) point of diversion (POD) L-03888 (active) is located approximately 185 feet east of the release with a static water level listed as 70 feet bgs in 1958. OSE POD L-09767 (capped) was located approximately 365 feet west of the release with a static water level listed as 96 feet bgs in 1985. OSE POD L-03721 (plugged) was located approximately 730 feet northeast of the release with a static water level listed as 90 feet bgs in 1957. Documentation for the water wells listed above are included in Attachment B. The location of the water wells relative to the site are presented on Figure 4.

On December 20, 2024, in accordance with the Cultural Properties Protection Rule (19.2.24 New Mexico Administrative Code [NMAC]), Advanced Archaeological Solutions of Las Cruces, New Mexico, completed an archaeological survey of the release site. No new archaeological sites or historic properties (built environment) were encountered during the survey. Two previous cultural resource surveys were conducted within or immediately adjacent to the current project area and include NMCRIS #155832 and NMCRIS #155040. During a preliminary records search of state and federal files, no archaeological sites were noted within 1,000 feet of the survey area. No isolated occurrences were observed within the survey area. Archaeological clearance for the proposed remediation of the release was recommended to proceed as defined by Advanced Archaeological Solutions and approved by the SLO Cultural Resources Office (CRO). The cover sheet for the archaeological survey is included as Attachment C.

Lario consulted with New Tech Global Environmental, LLC (NTGE) for evaluation of potential impacts to threatened, endangered, and sensitive wildlife and plant species, environmentally sensitive areas, surface waters, cave and karst features, and sensitive soils before conducting remediation and reclamation activities. On January 2, 2025, NTGE completed a desktop review of potential habitat of Special Status Plant Species (SSPS) within 200 meters of the Site, of sensitive wildlife habitat within the vicinity of the Site, and of migratory species that have the potential to be present and breeding within the vicinity of the



Site. On January 3, 2025, NTGE scientists were onsite to evaluate three potential sensitive receptors including R4SBA (Riverine), PEM1A (Freshwater Emergent Wetland), and PUBFx (Freshwater Pond). Lario constructed earthen berms within 12 hours of the initial release to protect any potential hydrologic resources protecting hydrophytic vegetation, hydric soil, and wetland hydrology. Based on the desktop review and site visit, NTGE concluded remediation efforts would not harm any sensitive receptors. If any sensitive receptors are identified, work will stop until further review by the SLO. The Biological Assessment is included as Attachment D.

DELINEATION/REMEDATION PLAN

Lario is currently in the process of simultaneously delineating and remediating chloride- and total petroleum hydrocarbons (TPH)-impacted soil via excavation. The aerial extent was mapped by CDH field staff using a portable GPS unit and determined the release footprint to be approximately 390,000 square feet. Photographs collected during the initial site walk are included in Attachment E. On December 19, 2024, the OCD approved a sampling frequency of one 5-point composite sample per every 400 square feet of excavation floor via email (Attachment A). On January 10, 2025, Lario, CDH, and SLO met via Microsoft Teams to establish a clear and reasonable path to closure for the project. The three stakeholders agreed to the following:

- Lario will continue to ensure good communication between Lario legal and the legal representative for SB Land, LLC.
- As the release impacted the Iron House Draw and threatened points of diversion, soil impacts will be delineated and remediated to the most stringent cleanup standards per 19.15.29.12.C.(4) NMAC:
 - Chloride - 600 mg/kg
 - TPH (GRO, DRO, MRO) - 100 mg/kg
 - BTEX - 50 mg/kg
 - Benzene - 10 mg/kg
- All chloride, TPH, and benzene, toluene, ethylbenzene, and total xylenes (BTEX) exceedances will be removed and hauled offsite for disposal.
- One confirmation soil sample will be collected for every 400 square feet of excavation floor.
- One confirmation soil sample will be collected for every 200 square feet of excavation sidewall.
- Within the sensitive environment (Iron House Draw), all TPH detections below the standard (100 milligrams per kilo gram [mg/kg]) will be treated with a biostimulation additive prior to backfilling to provide additional protection.
- SB Land, LLC., reported that the area north-northeast of the drilling pad was affected by overspray during the release. This area will continue to be investigated to determine the horizontal and vertical extent of identified TPH impacts (BG05 and OS25 [Figure 5a and Figure 5b]).
 - If exceedances are limited to the surface (less than 3-inches deep), a biostimulation additive will be applied prior to removing the impacted soil and destroying existing plant species/soil stability.
 - Follow-up performance sampling will be completed on a quarterly basis to ensure biostimulation additive success. Soil will only be excavated if the biostimulation additive is not successful after two rounds of quarterly sampling. If soil is excavated, confirmation soil samples will be collected at the sample frequency discussed above.



- The area will be maintained appropriately to maximize the effectiveness of the biostimulation additive by adding water if quarterly monitoring indicates the initial treatment was ineffective.
- 2-Day Sample Notification will be submitted for each day sampling is to be completed.
 - The OCD approved a variance (Attachment A) for sample notifications to be submitted on a weekly basis; therefore, SLO will receive sample notifications on a weekly basis.

To ensure chloride and/or TPH-impacted soil is successfully and completely removed from the release area, one 5-point composite confirmation soil sample will be collected for every 400 square feet of excavation floor and one 5-point composite confirmation soil sample will be collected for every 200 square feet of excavation sidewall. To manage and document this field effort, the release footprint was divided into 975 separate 400 square foot areas using ArcGIS. Should sidewall sampling indicate an increase in release footprint, additional floor and sidewall samples will be collected as required to maintain the sampling frequency specified above. Planned soil sample locations are presented on Figures 6a-6j.

Each confirmation soil sample will be placed into laboratory-supplied 4-ounce glass jars, labeled, stored in a cooler on ice, and submitted to Eurofins of Carlsbad, New Mexico, via standard chain-of-custody protocol for analysis of chloride per United States Environmental Protection Agency (EPA) SW-846 Method 300.0, TPH (GRO+DRO+MRO) per EPA SW-846 Method 8015M, BTEX per EPA SW-846 8021B, and benzene per EPA SW-846 Method 8021B. Laboratory analytical results will be compared to the most stringent cleanup standards per 19.15.29.12.C.(4) NMAC. All areas disturbed by remediation, except areas reasonably needed for production operations or for subsequent drilling operations, will be restored, reclaimed, and revegetated per 19.15.29.13 NMAC. The laboratory analytical reports for confirmation soil samples collected to date are included in Attachment G and summarized in Table 1.

TPHenhanced™ by TerraStryke® Products LLC (TerraStryke®), a biostimulation additive, has been selected to address TPH exceedances identified in the overspray area (if impacts exceeding the reclamation standard are determined to be limited to the top 3 inches of soil) as well as TPH detections below the reclamation standard (100 mg/kg) within Iron House Draw as added protection for the sensitive environment. The TerraStryke® proposal, safety data sheet (SDS), and case study are included in Attachment F.

TerraStryke® biostimulation strategies support the long-term and complete destruction/utilization of dissolved-phase and residual source mass (sorbed, blebs, ganglia, etc.) contaminants. Biostimulation enhances the natural attenuation of petroleum hydrocarbons by restoring the microbial ecosystem within the impacted soil. Presently, microbes are dormant due to the release of petroleum hydrocarbons. Biostimulation restores their ecosystem to allow the return to a revegetation state of dormant ultramicrobacteria (UMB) microbes, maximize microbial growth, communication and, via Quorum Sensing and Signaling (QSS), establish a collective workspace referred to as biofilm. Biofilm provides protection to the microbes inside from bulk water conditions, predation while allowing the exponential increase in genetic sharing. As a result, a consortium of bacteria works with a collective focus on the exploitation of energy (protons in this case) associated with the petroleum hydrocarbon contaminants. A secondary benefit to biofilm is the enhanced liberation of residual source mass (sorbed, ganglia, stringers, and blebs) effectively eliminating rebound up-front, safeguarding long-term compliance. Biostimulation is sustainable, works without aboveground equipment, requires no energy, and produces no nuisance noise, emissions, or vapors providing a low-impact solution.



A layer of TPHenhanced™ will be applied to each 400-square-foot sample area exhibiting TPH detections below the reclamation standard (100 mg/kg). Once TPHenhanced™ has been applied to the excavation floor, 90-100 gallons of water will be applied to the additive layer to facilitate infiltration of TPHenhanced™ into soil exhibiting a TPH detection, then backfilled. TPHenhanced™ will not be applied to areas where chloride (600 mg/kg), is exceeding the reclamation standard

A layer of TPHenhanced™ will be applied to the estimated 10,500-square-foot overspray area exhibiting TPH exceedances above the reclamation standard (100 mg/kg). Once TPHenhanced™ has been applied to the overspray area surface, 1,000 gallons of water will be applied to the additive layer to facilitate infiltration of TPHenhanced™ into soil exhibiting TPH exceedances.

Follow-up performance sampling will be completed to ensure the biostimulation additive was successful:

- Within Iron House Draw (sensitive environment), 5-point composite soil samples will be collected from the three sample areas that exhibit the highest TPH concentrations during initial assessment activities. The samples will be collected once per quarter for 6 months, following implementation of the biostimulation additive. The samples will be submitted for TPH (GRO+DRO+MRO) per EPA SW-846 Method 8015M, BTEX per EPA SW-846 8021B, and benzene per EPA SW-846 Method 8021B.
- In the overspray area, 5-point composite soil samples will be collected from the three sample areas that exhibit the highest TPH concentrations during initial assessment activities. The samples will be collected once per quarter for 6 months, following implementation of the biostimulation additive. The samples will be submitted for TPH (GRO+DRO+MRO) per EPA SW-846 Method 8015M, BTEX per EPA SW-846 8021B, and benzene per EPA SW-846 Method 8021B. Soil will only be excavated if the biostimulation additive proves to be unsuccessful after six months of quarterly soil sampling.

Remediation results will be submitted in a *Remediation Closure Report*.

RECLAMATION

Per 19.15.29.13 NMAC, Lario will reclaim all areas disturbed by remediation, except areas reasonably needed for production operations or for subsequent drilling operations, as early and as nearly as practical to their original condition and maintain those areas to control dust and minimize erosion to the extent practical. Areas reasonably needed for production operations or for subsequent drilling operations will be compacted, stabilized, and maintained to minimize dust and erosion. Reclamation will contain a minimum of 4 feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, TPH (GRO+DRO+MRO) concentrations less than 100 mg/kg per EPA SW-846 Method 8015M, total BTEX concentrations less than 50 mg/kg per EPA SW-846 8021B, and benzene concentrations less than 10 mg/kg per EPA SW-846 Method 8021B. The soil cover will include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater. All other debris will be removed and impacted soils unearthed will be remediated.



Site preparation will include backfilling and dozer track imprinting. The ripped areas will be recontoured for initial seedbed preparation. The original landform will be restored, as near as possible, for all unvegetated areas. Based on the soils at the Site, the SLO (SLO Seed Mix – Coarse Sites Seed Mixture) will be used for seeding and will be planted in the amount specified in the pounds pure live seed (PLS) per acre. No amendments are recommended by the seed supplier. The seed mixture will be spread by a hand-held broadcaster and raked in; therefore, the pounds PLS per acre will be doubled. After seeding, the area will be watered to promote seed growth.

The prepared soils within the site will be seeded with a seed mix purchased from a New Mexico Department of Agriculture (NMDA) licensed dealer. Soil at the site is characterized as Kimbrough gravelly loam and the corresponding "Coarse" seed mix will be used. The seed mix will include:

Common Name	Variety	Application Rate (PLS/Acre)	Drill Box
Sand Bluestem, "Chet" (<i>Andropogon hallii</i>)	VNS, Southern	2.0	F
Sideoats Grama, "Vaughn" (<i>Bouteloua curtipendula</i>)	Vaughn, El Reno	2.0	F
Blue Grama, "Lovington" (<i>Bouteloua Gracilis</i>)	Hachita, Lovington	1.5	D
Little Bluestem, "Cimarron" (<i>Schizachyrium scoparium</i>)	Cimmaron, Pastura	1.5	F
Sand Dropseed, (<i>Sporobolus cryptandrus</i>)	VNS, Southern	1.0	S
Plains Bristlegrass, (<i>Setaria vulpiseta</i>)	VNS, Southern	0.75	D

Following seeding operations, the seed tags will be made available to the SLO, along with a copy of the materials certification in a *Reclamation Activities Report*. Reclamation activities will be documented with photographs in landscape view and will be timestamped with GPS data in decimal degrees. Site photographs will be submitted with the *Reclamation Activities Report*.

The areas not located on the drilling pad will be monitored for vegetative growth to ensure the reclamation is successful. Monitoring will include inspections completed on a semi-annual basis until reclamation is considered complete. The inspections will include monitoring and treating the reclamation for unauthorized traffic, erosion, and invasive or noxious weeds. If surface erosion is identified, sediment control measures will be installed to reduce erosion and capture sediment-laden runoff. Invasive or noxious weeds will be managed by a wide variety of integrated techniques that include cutting, mowing, digging, grubbing, and targeted herbicide application. Once vegetation has been established that is representative of pre-disturbance vegetation cover with a total percent plant cover of greater than 70% of pre-disturbance area levels (excluding invasive or noxious weeds), a subsequent *Final Reclamation Report and Reclamation Closure Request* will be submitted to the SLO.



Please do not hesitate to contact Michael A. Wicker at (616) 970-8459 or mwicker@cdhconsult.com if you have any questions or require additional information.

Kind Regards,

CDH CONSULTING, LLC

Michael A. Wicker, P.G.
Senior Geologist

A handwritten signature in black ink, appearing to read "Devin G".

Devin Girtin, P.G., PMP
Program Manager

Attachments:

Figures
Table
Attachment A – Correspondence
Attachment B – Water Well Documentation
Attachment C – Archeological Survey
Attachment D – Biological Assessment
Attachment E - Photographic Log
Attachment F – Biostimulation Additive Information
Attachment G - Laboratory Analytical Reports

FIGURES

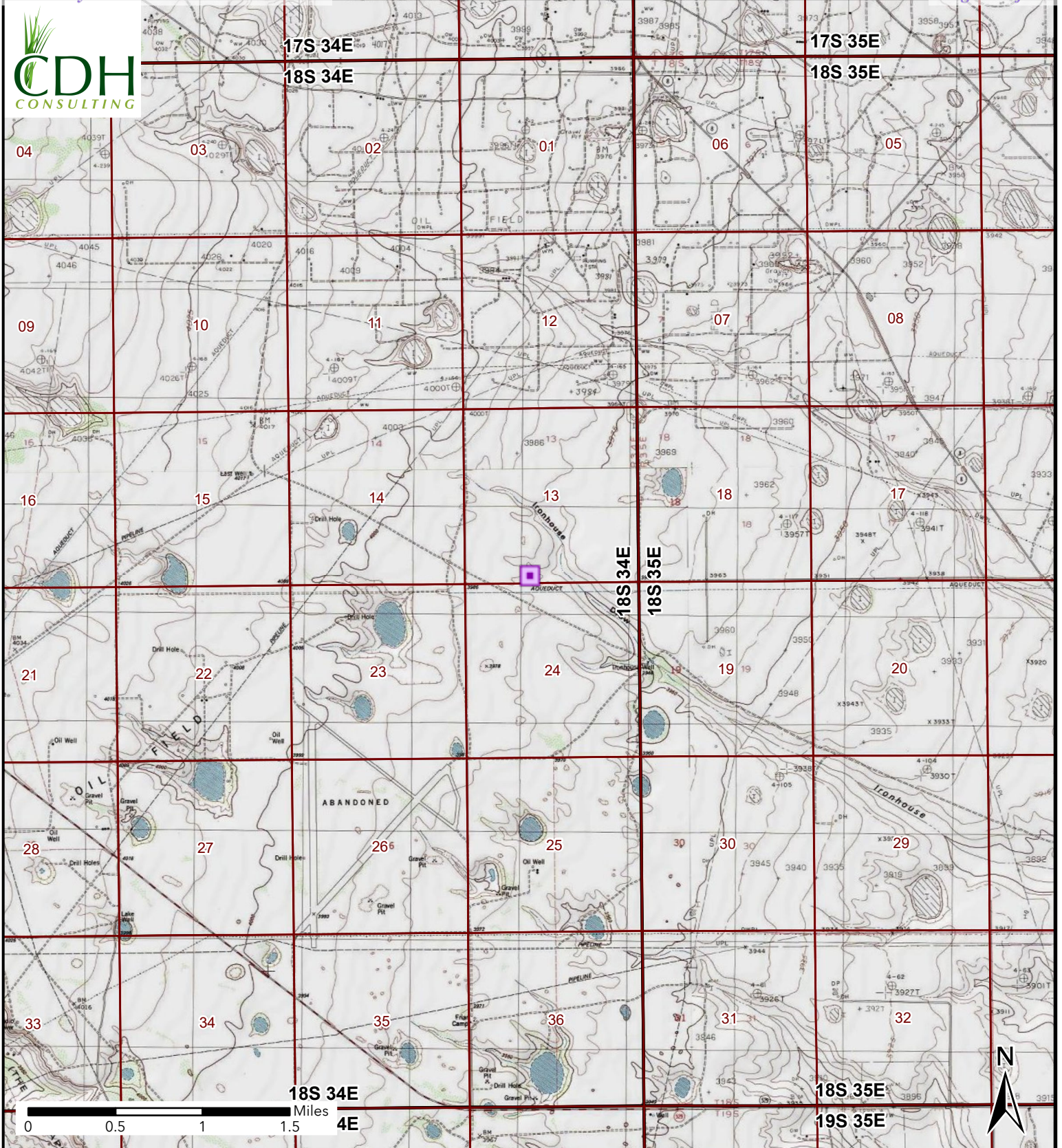


Figure 1
Site Location
 Close Encounters State Com #301H
 UNIT N-SEC13-T18S-R34E
 Lea County, New Mexico
 Lario Oil and Gas

 Site Location



VC11940000
Lessee: Lario
Oil & Gas Co

VC06380003
Lessee: Lario
Oil & Gas Co

V065640000
Lessee: Echo
Production Inc

VB13250000
Lessee: Chase
Oil Corporation

VC06370003
Lessee: Lario
Oil & Gas Co

VB18760003
Lessee: Franklin
Mountain Energy 3, Llc

VB14990004
Lessee: Franklin
Mountain Energy 3, Llc

VB18770003
Lessee: Franklin
Mountain Energy 3, Llc

VB14780004
Lessee: Franklin
Mountain Energy 3, Llc



0 500 1,000 1,500 2,000 2,500 Feet



Figure 2 Land Ownership / Lessee Map Close Encounters State Com #301H

UNIT N-SEC-13-T18S-R34E
Lea County, New Mexico
Lario Oil and Gas

- Spill Perimeter
- Oil and Gas Lease
- Lease Number, Lessee Labelled In Map
- Agricultural Lease
- Lessee: SB Land, LLC
- Land Ownership
- New Mexico State Trust Lands
- Private Land owned by SB Land, LLC

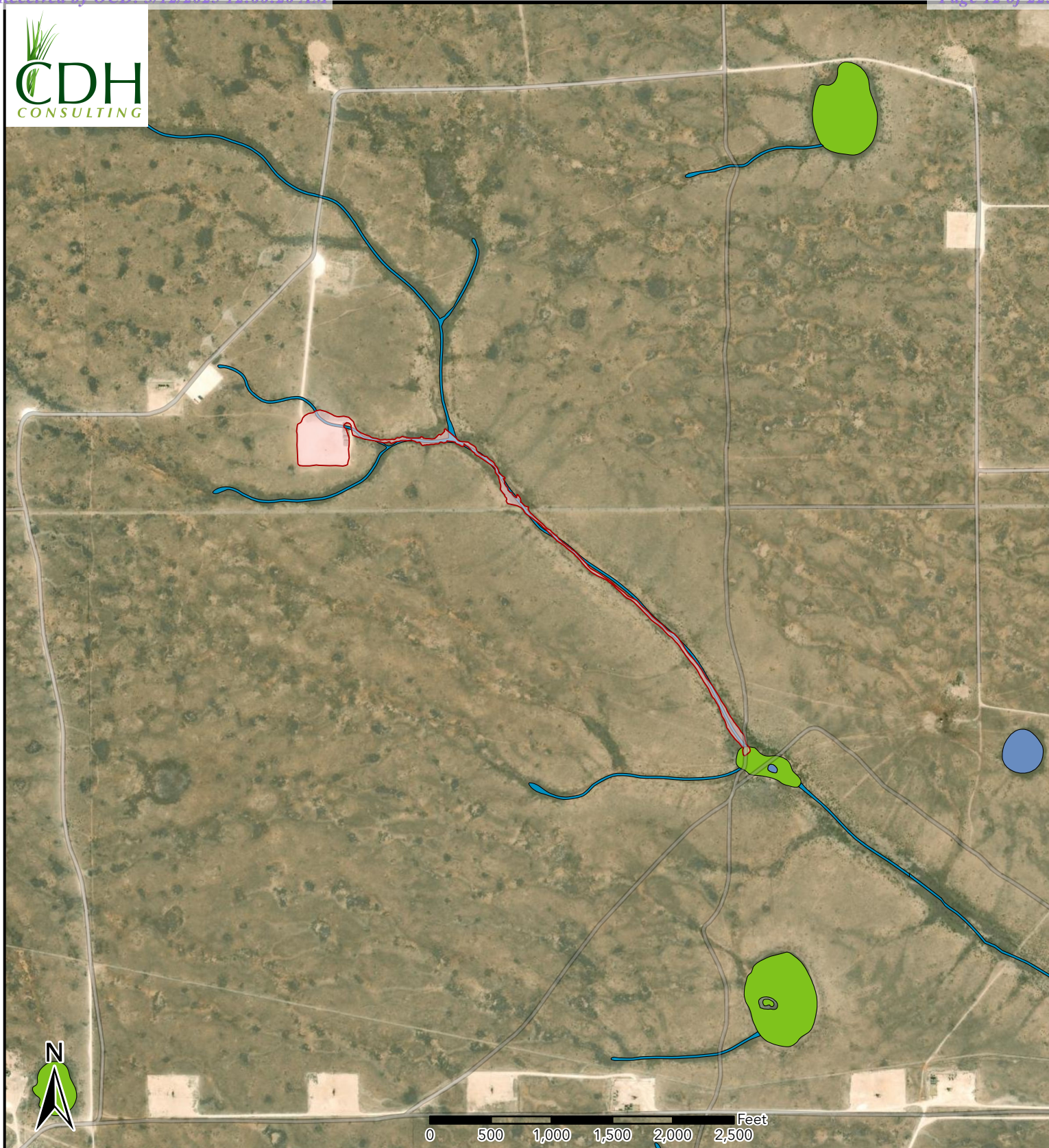


Figure 3
Mapped Wetlands
Close Encounters State Com #301H

UNIT N-SEC-13-T18S-R34E
Lea County, New Mexico
Lario Oil and Gas

Legend

 Spill Perimeter

Wetlands

 Freshwater Emergent Wetland

 Freshwater Pond

 Riverine

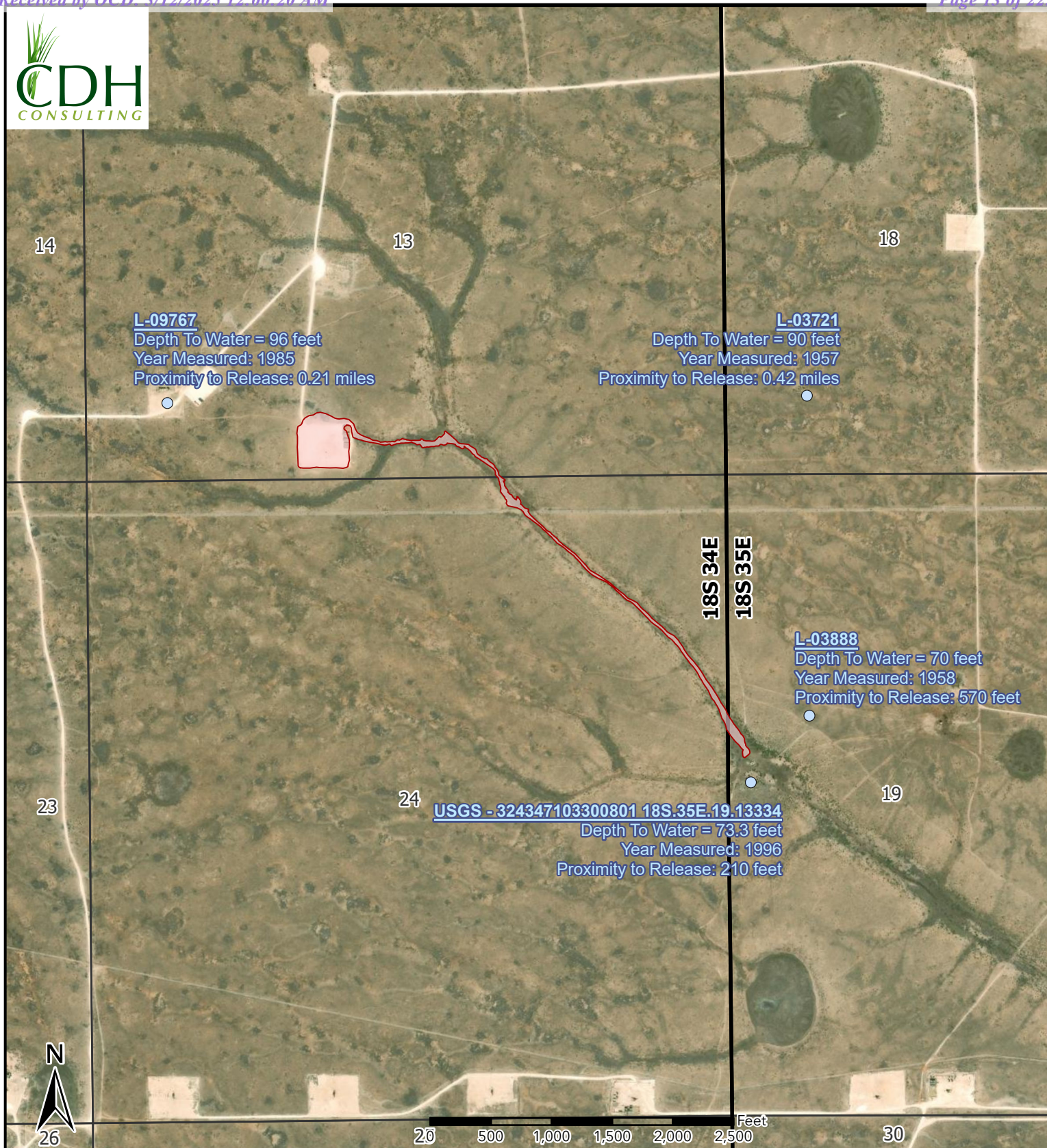


Figure 4
Water Well Location Map
Close Encounters State Com #301H

UNIT N-SEC-13-T18S-R34E
Lea County, New Mexico
Lario Oil and Gas

Legend

- Water Well
- Spill Perimeter



0 50 100 150 200 Feet

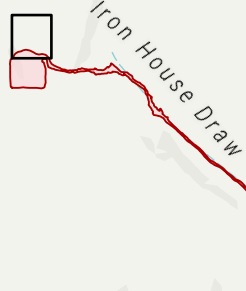
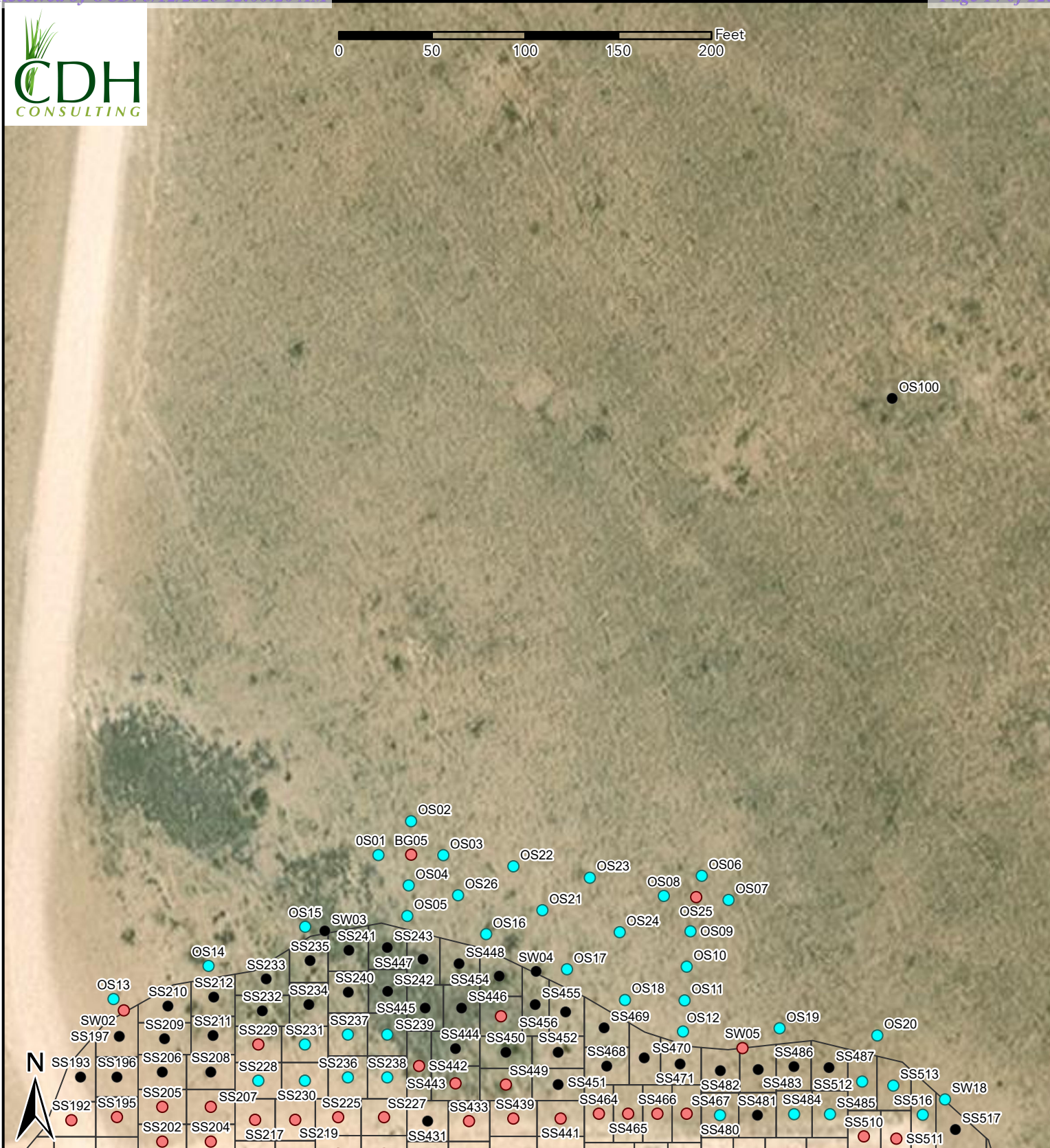


Figure 5a
Overspray Assessment
 Close Encounters State Com #301H
 UNIT N-SEC-13-T18S-R34E
 Lea County, New Mexico
 Lario Oil and Gas

Legend

- Sample Areas
- Soil Sample Location**
 - Planned
 - Exceed Standard and Background
 - Below Standard



0 50 100 150 200 Feet

OS300

OS200

OS100

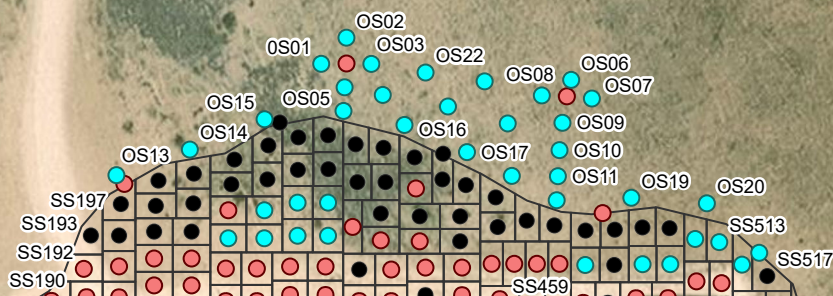


Figure 5b
Overspray Assessment
 Close Encounters State Com #301H

UNIT N-SEC-13-T18S-R34E
 Lea County, New Mexico
 Lario Oil and Gas

Legend

Sample Areas

Soil Sample Location

- Planned
- Exceed Standard and Background
- Below Standard

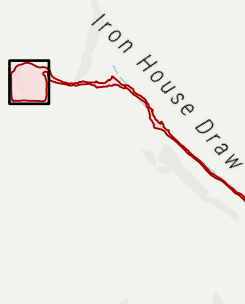
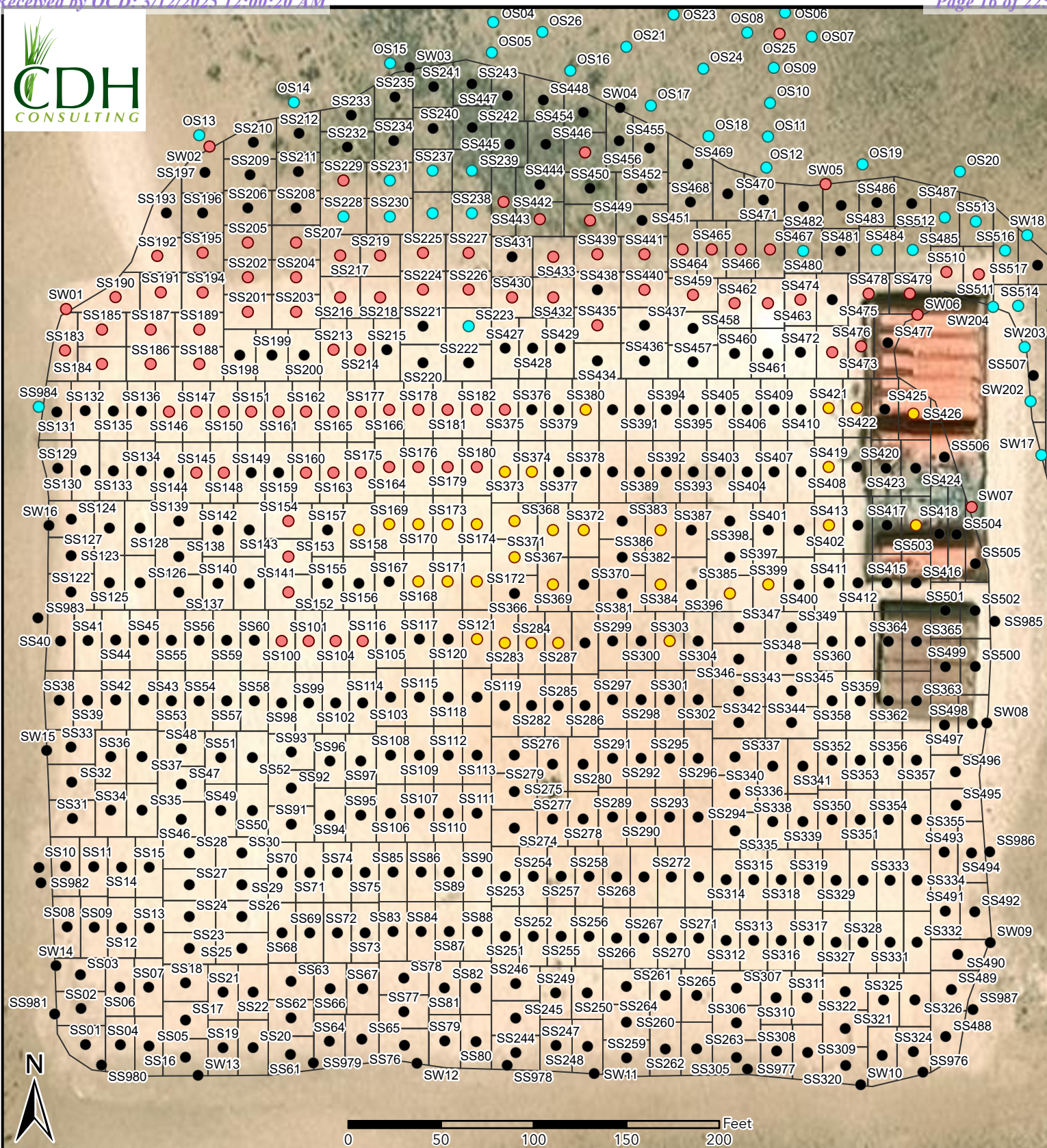


Figure 6a Delineation/Remediation Plan Close Encounters State Com #301H

UNIT N-SEC-13-T18S-R34E
Lea County, New Mexico
Lario Oil and Gas

Legend

Sample Areas

Soil Sample Location

- Planned
- Collected/Pending
- Exceed Standard and Background
- Below Standard

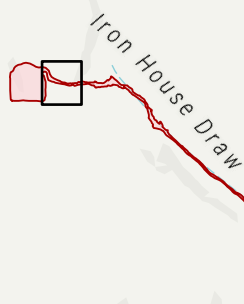
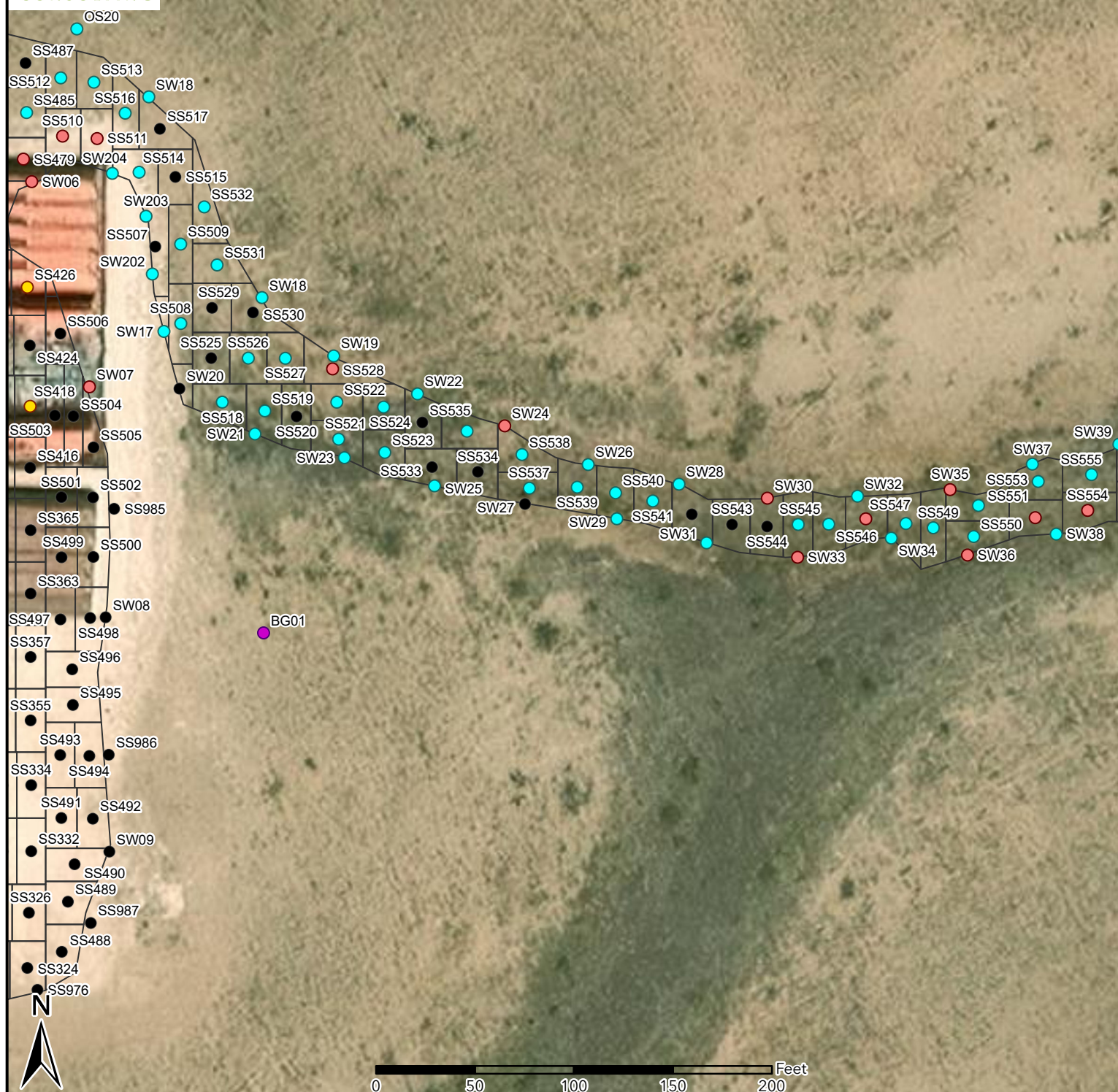


Figure 6b Delineation/Remediation Plan Close Encounters State Com #301H

UNIT N-SEC-13-T18S-R34E
Lea County, New Mexico
Lario Oil and Gas

Legend

Sample Areas

Soil Sample Location

- Background Sample
- Planned
- Collected/Pending
- Exceed Standard and Background
- Below Standard



0 50 100 150 200 Feet

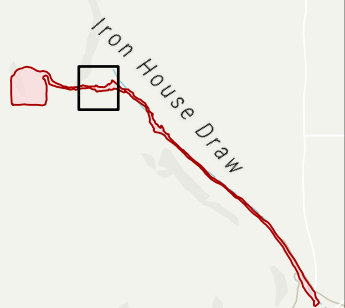


Figure 6c Delineation/Remediation Plan Close Encounters State Com #301H

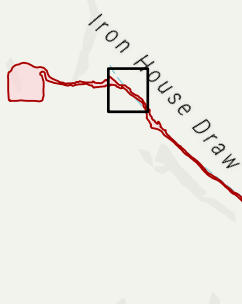
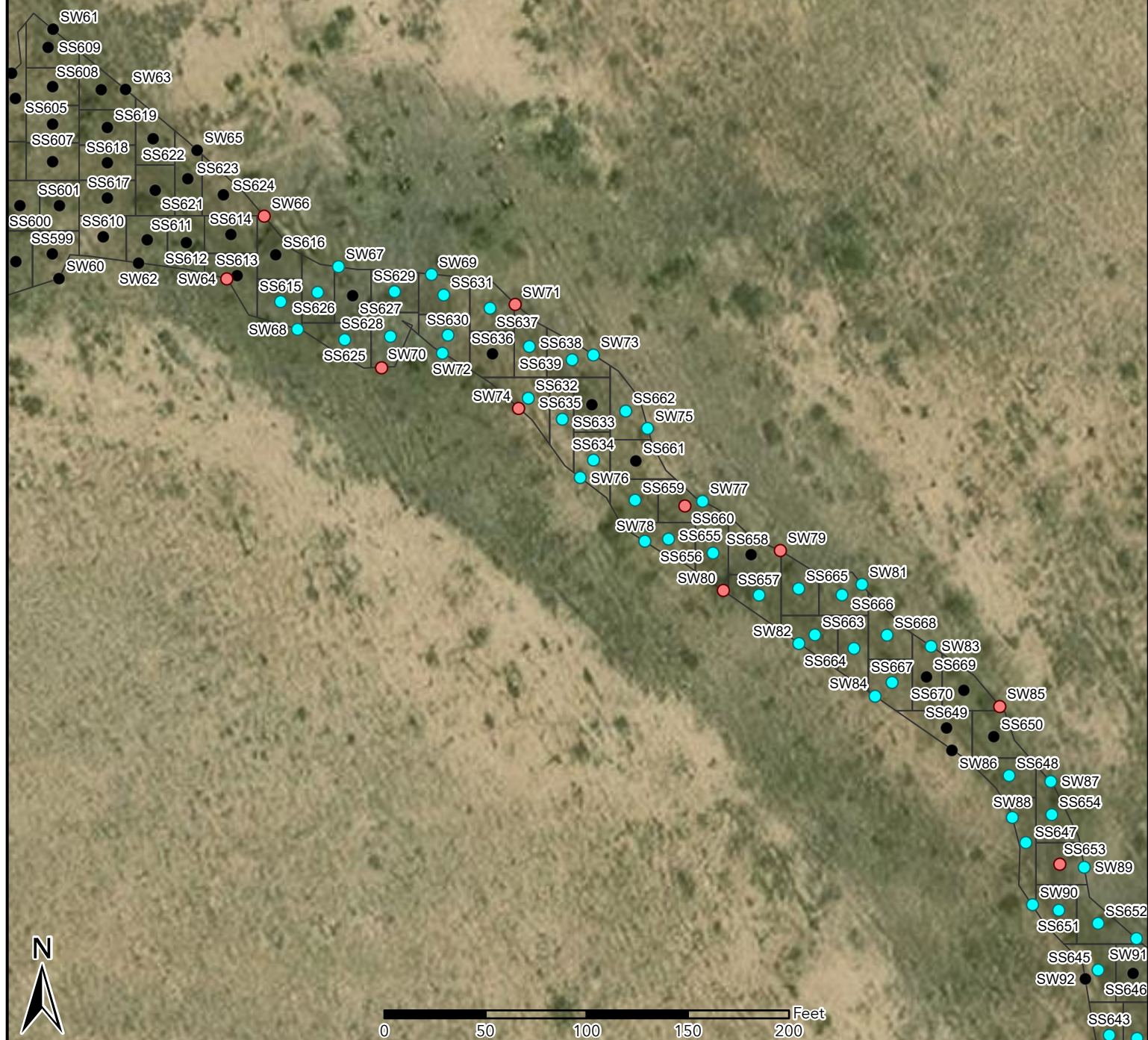
UNIT N-SEC-13-T18S-R34E
Lea County, New Mexico
Lario Oil and Gas

Legend

□ Sample Areas

Soil Sample Location

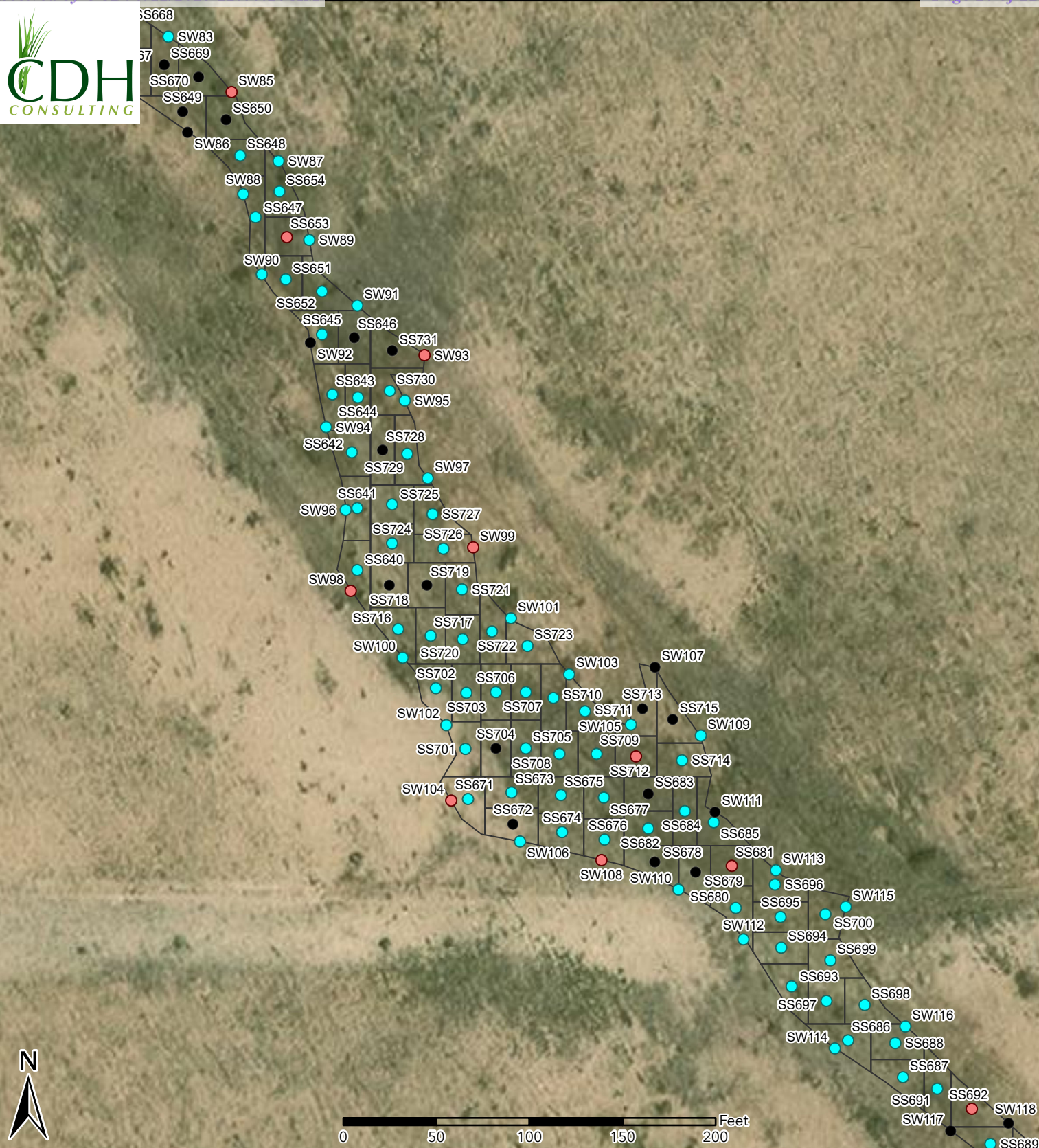
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- Planned
- Exceed Standard and Background
- Below Standard



UNIT N-SEC-13-T18S-R34E
Lea County, New Mexico
Lario Oil and Gas

 Sample Areas

● Background Sample
● Planned
● Exceed Standard and Background
● Below Standard



0 50 100 150 200 Feet

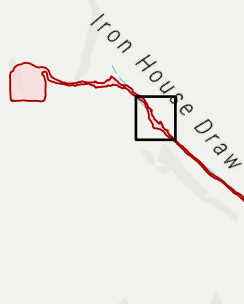


Figure 6e Delineation/Remediation Plan Close Encounters State Com #301H

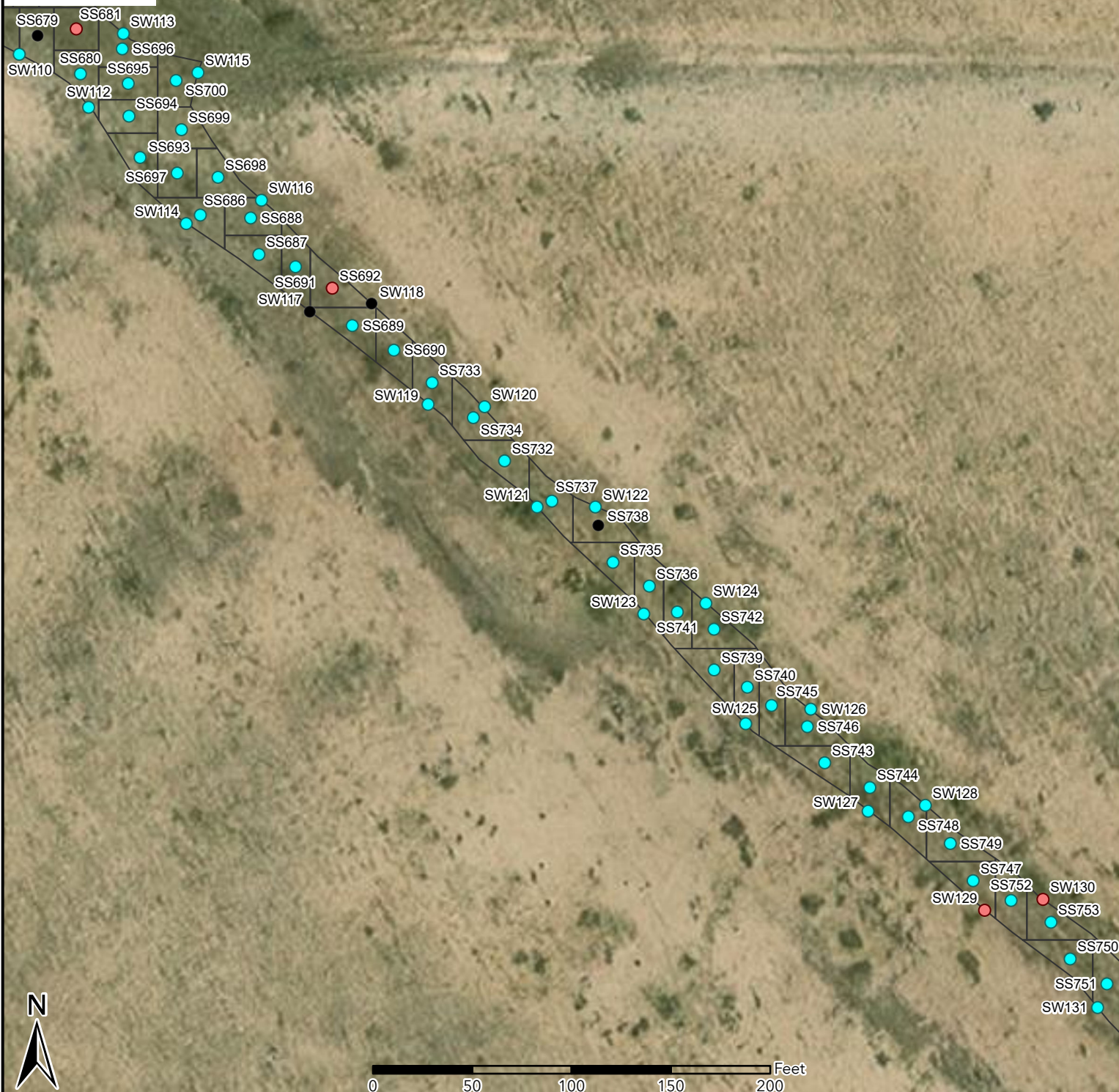
UNIT N-SEC-13-T18S-R34E
Lea County, New Mexico
Lario Oil and Gas

Legend

Sample Areas

Soil Sample Location

- Planned
- Exceed Standard and Background
- Below Standard



0 50 100 150 200 Feet

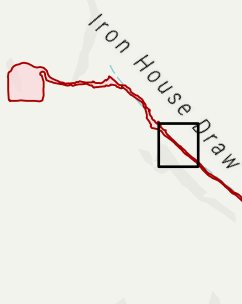


Figure 6f Delineation/Remediation Plan Close Encounters State Com #301H

UNIT N-SEC-13-T18S-R34E
Lea County, New Mexico
Lario Oil and Gas

Legend

Sample Areas

Soil Sample Location

- Planned
- Exceed Standard and Background
- Below Standard



0 50 100 150 200 Feet

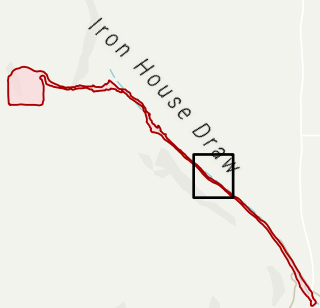


Figure 6g

Delineation/Remediation Plan

Close Encounters State Com #301H

UNIT N-SEC-13-T18S-R34E
Lea County, New Mexico
Lario Oil and Gas

Legend

Sample Areas

Soil Sample Location

- Planned
- Exceed Standard and Background
- Below Standard

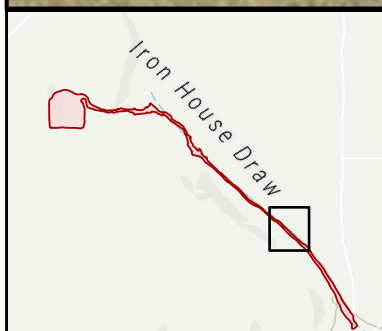
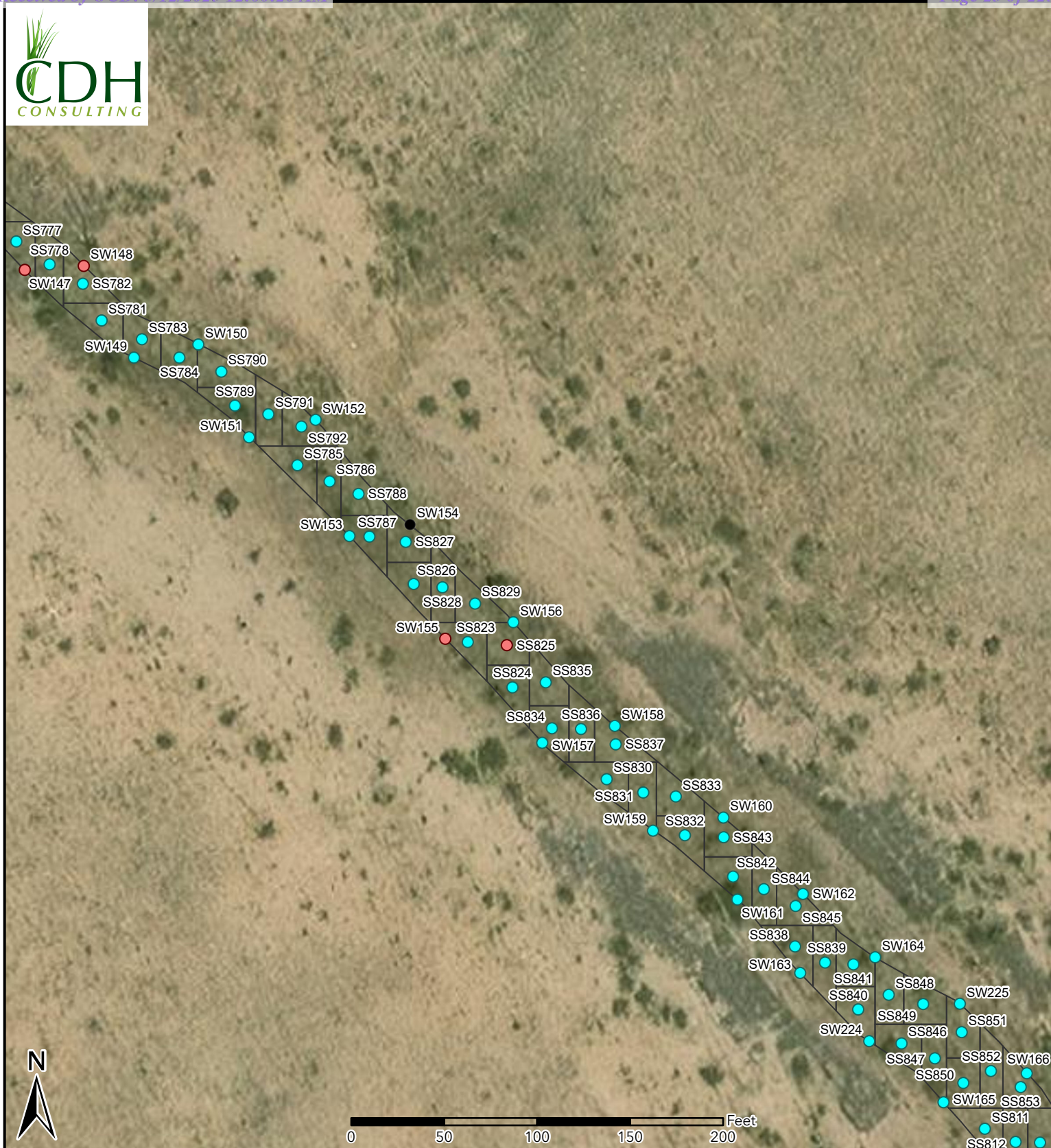


Figure 6h
Delineation/Remediation Plan
Close Encounters State Com #301H

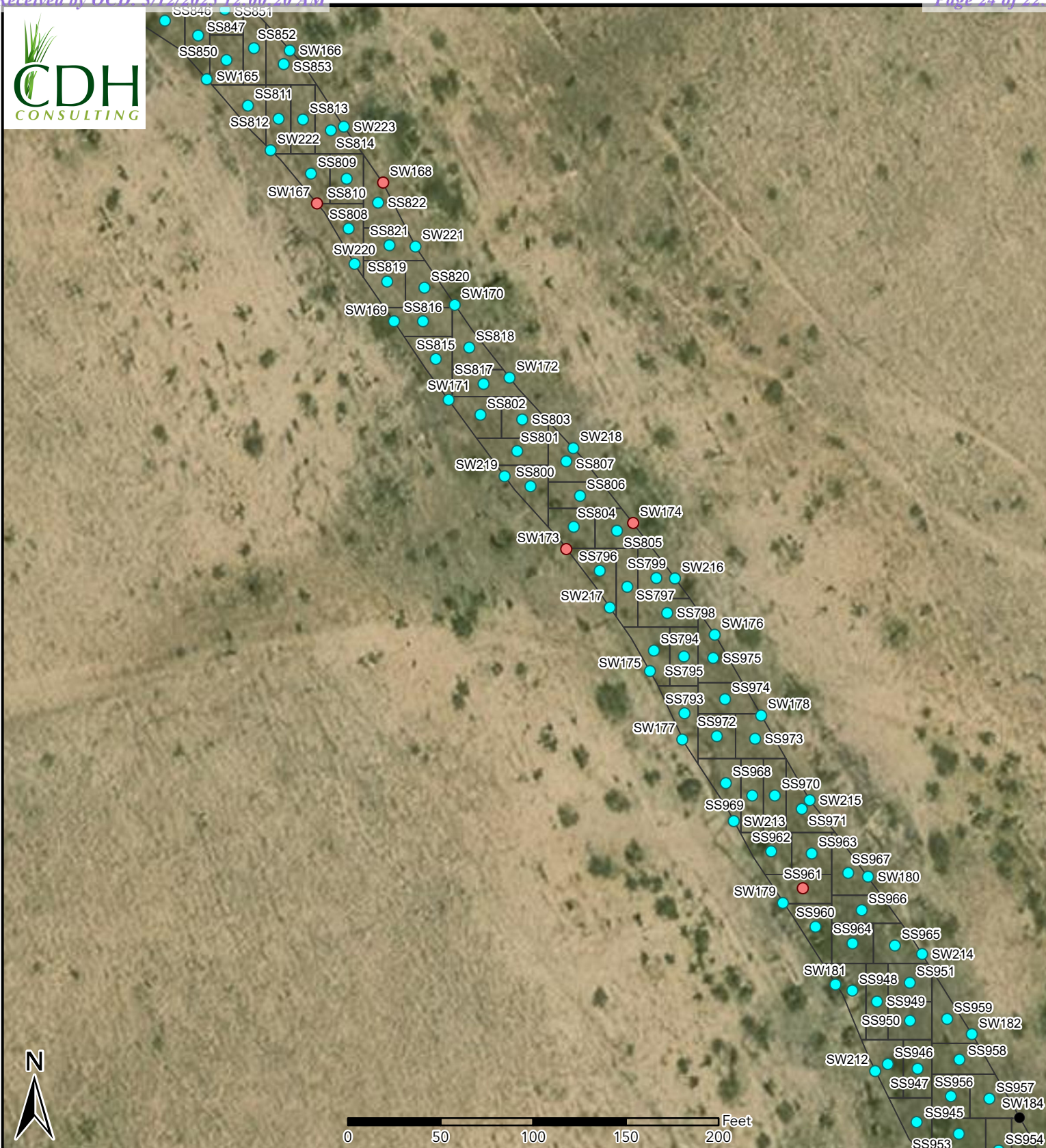
UNIT N-SEC-13-T18S-R34E
 Lea County, New Mexico
 Lario Oil and Gas

Legend

Sample Areas

Soil Sample Location

- Planned
- Exceed Standard and Background
- Below Standard



0 50 100 150 200 Feet

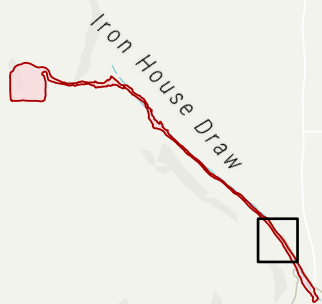


Figure 6i Delineation/Remediation Plan Close Encounters State Com #301H

UNIT N-SEC-13-T18S-R34E
Lea County, New Mexico
Lario Oil and Gas

Legend

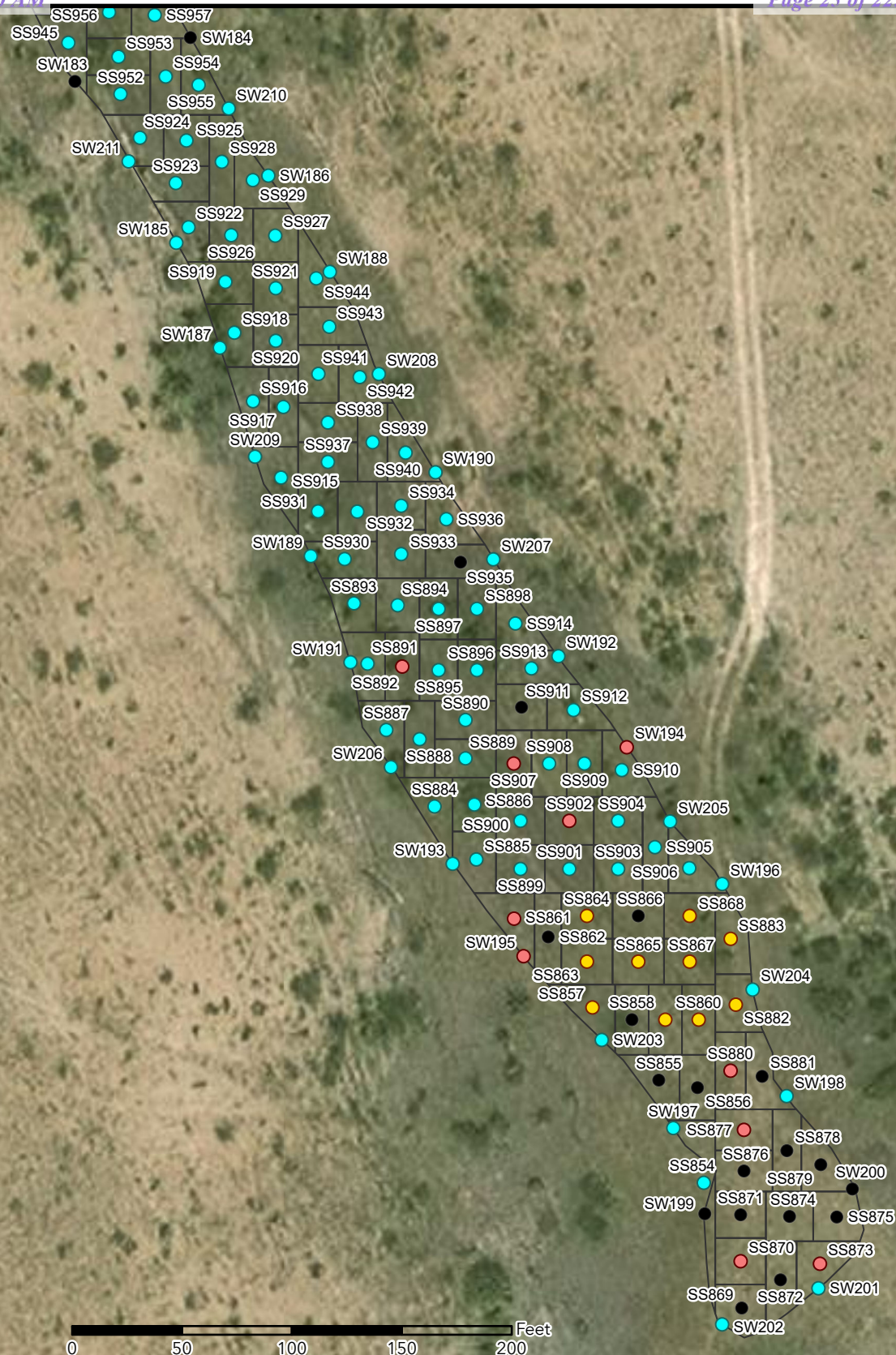
□ Sample Areas

Soil Sample Location

● Planned

● Exceed Standard and Background

● Below Standard



0 50 100 150 200 Feet



Figure 6j
Delineation/Remediation Plan
Close Encounters State Com #301H

UNIT N-SEC-13-T18S-R34E
 Lea County, New Mexico
 Lario Oil and Gas

Legend

- Sample Areas
- Soil Sample Location**
 - Planned
 - Collected/Pending
 - Exceed Standard and Background
 - Below Standard

TABLE

TABLE 1
SOIL ANALYTICAL RESULTS
CLOSE ENCOUNTERS STATE COM #301H
LEA COUNTY, NEW MEXICO
LARIO OIL GAS CO

Sample ID	Date Sampled	Depth (feet bgs)	Chloride (mg/kg)	TPH ⁽³⁾ (mg/kg)	BTEX (mg/kg)	Benzene (mg/kg)
NMOCD Table I Soil Standard (mg/kg)⁽¹⁾			600	100	50	10
BG01@0-6"	12/23/2024	0-0.5	77.7	<50.2	<0.00404	<0.00202
BG01@1-1.5'	12/27/2024	1-1.5	105	<50.0	<0.00402	<0.00201
BG01@5'	1/27/2025	5.0	<10.0	<49.8	<0.00399	<0.00200
BG02@0-6"	12/23/2024	0-0.5	103	<50.0	<0.00401	<0.00200
BG02@5'	1/27/2025	5.0	105	<49.7	<0.00404	<0.00202
BG02@1-1.5'	12/27/2024	1-1.5	149	<49.9	<0.00404	<0.00202
BG03@0-6"	12/23/2024	0-0.5	83.9	<50.5	<0.00400	<0.00200
BG03@1-1.5'	12/27/2024	1-1.5	115	<49.8	<0.00398	<0.00199
BG04@1-1.5'	12/27/2024	1-1.5	31.6	<49.8	<0.00402	<0.00201
BG05@1-1.5'	12/27/2024	1-1.5	139	94.4	<0.00398	<0.00199
BG05@0.25'	2/27/2025	0-0.25	91.5	1,700	<0.00398	<0.00199
SS01	12/19/2024	0.5-1.0	17,600	287	1.94	<0.0101
SS20	12/19/2024	0.5-1.0	1,300	110	0.414	<0.0200
SS46	12/19/2024	0.5-1.0	5,420	1,330	29.3	1.11
SS64	12/19/2024	0.5-1.0	3,110	631	1.08	<0.0398
SS80	12/19/2024	0.5-1.0	3,070	188	0.714	<0.0200
SS107	12/19/2024	0.5-1.0	5,250	1,510	7.02	<0.101
SS129	12/19/2024	0.5-1.0	3,350	538	0.0628	<0.00202
SS138	12/19/2024	0.5-1.0	2,650	573	0.0391	<0.00200
SS154	12/19/2024	0.5-1.0	1,710	2,710	0.123	<0.00200
SS176	12/19/2024	0.5-1.0	812	2,110	2.73	<0.0199
SS183	12/19/2024	0.5-1.0	97.8	311	0.0933	<0.00202
SS200	12/19/2024	0.5-1.0	930	2,050	0.566	<0.00201
SS262	12/19/2024	0.5-1.0	4,470	463	2.89	<0.101
SS290	12/19/2024	0.5-1.0	5,400	2,470	9.53	0.151
SS320	12/19/2024	0.5-1.0	3,410	876	1.86	<0.0503
SS339	12/19/2024	0.5-1.0	4,280	3,950	10.3	0.106



TABLE 1
SOIL ANALYTICAL RESULTS
CLOSE ENCOUNTERS STATE COM #301H
LEA COUNTY, NEW MEXICO
LARIO OIL GAS CO

Sample ID	Date Sampled	Depth (feet bgs)	Chloride (mg/kg)	TPH ⁽³⁾ (mg/kg)	BTEX (mg/kg)	Benzene (mg/kg)
NMOCD Table I Soil Standard (mg/kg)⁽¹⁾			600	100	50	10
SS398	12/19/2024	0.5-1.0	2,960	3,130	0.662	0.0262
SS435	12/19/2024	0.5-1.0	3,030	601	0.0192	<0.00202
SS488	12/19/2024	0.5-1.0	3,680	2,500	5.56	<0.199
SS495	12/19/2024	0.5-1.0	3,660	3,070	14.3	<0.0994
SS504	12/19/2024	0.5-1.0	2,990	1,510	1.20	<0.0199
SS420	12/19/2024	0.5-1.0	162	<49.9	0.0889	<0.00202
SS477	12/19/2024	0.5-1.0	126	<50.0	0.133	<0.00200
SS268	12/20/2024	0.5-1.0	463	501	0.00626	<0.00200
SS492	12/20/2024	0.5-1.0	110	<49.8	<0.00404	<0.00202
SS288	12/20/2024	0.5-1.0	2,410	6,080	8.10	0.432
SS373	12/20/2024	0.5-1.0	1,490	6,600	10.1	<0.0499
SS427	12/20/2024	0.5-1.0	2,660	284	0.0211	<0.00199
SS300	12/20/2024	0.5-1.0	9,780	58.6	0.104	<0.00201
SS409	12/20/2024	0.5-1.0	2,370	1,880	5.10	<0.0504
SS113	12/20/2024	0.5-1.0	2,230	552	<0.00399	<0.00200
SS105	12/20/2024	0.5-1.0	2,470	823	0.398	0.00209
SS119	12/20/2024	0.5-1.0	1,340	333	8.29	<0.0502
SS76	12/20/2024	0.5-1.0	1,890	453	0.189	<0.00200
SS273	12/20/2024	0.5-1.0	836	364	<0.00403	<0.00202
SS309	12/26/2024	1.5-2.0	135	<49.8	<0.00398	<0.00199
SS244	12/30/2024	1.5-2.0	467	<49.9	<0.00399	<0.00200
SS305	12/30/2024	1.5-2.0	515	<49.7	<0.00402	<0.00201
SS72	12/30/2024	1.5-2.0	452	<50.1	<0.00399	<0.00200
SS257	12/30/2024	1.5-2.0	431	<49.7	<0.00402	<0.00201
SS424	12/31/2024	1.5-2.0	262	78.9	<0.00402	<0.00201
SS398	12/31/2024	1.5-2.0	46.0	<49.8	<0.00398	<0.00199
SS379	12/31/2024	1.5-2.0	35.7	<49.8	<0.00398	<0.00199

TABLE 1
SOIL ANALYTICAL RESULTS
CLOSE ENCOUNTERS STATE COM #301H
LEA COUNTY, NEW MEXICO
LARIO OIL GAS CO

Sample ID	Date Sampled	Depth (feet bgs)	Chloride (mg/kg)	TPH ⁽³⁾ (mg/kg)	BTEX (mg/kg)	Benzene (mg/kg)
NMOCD Table I Soil Standard (mg/kg)⁽¹⁾			600	100	50	10
SS288	12/31/2024	1.5-2.0	141	<49.8	<0.00399	<0.00200
SS393	12/31/2024	1.5-2.0	35.5	<49.9	<0.00401	<0.00200
SS497	12/31/2024	1.5-2.0	111	<50.0	<0.00403	<0.00202
SS488	12/31/2024	1.5-2.0	329	151	<0.00401	<0.00200
SS481	01/01/2025	1.5-2.0	116	<50.1	<0.00399	<0.00200
SS506	01/01/2025	1.5-2.0	216	<49.7	<0.00402	<0.00201
SS410	01/01/2025	1.5-2.0	91.6	<49.9	<0.00398	<0.00199
SS609	01/01/2025	1.5-2.0	122	72.8	<0.00399	<0.00200
SS606	01/01/2025	1.5-2.0	95.1	<49.9	<0.00402	<0.00201
SS604	01/02/2025	1.5-2.0	84.4	<49.9	<0.00399	<0.00200
SS591	01/02/2025	1.5-2.0	50.9	<49.7	<0.00402	<0.00201
SS320	01/03/2025	1.5-2.0	399	<50.5	<0.00404	<0.00202
SS308	01/03/2025	1.5-2.0	275	<50.3	<0.00396	<0.00198
SS321	01/03/2025	1.5-2.0	352	<50.5	<0.00400	<0.00200
SS76	01/04/2025	2.0	141	<49.9	<0.00399	<0.00200
SS77	01/04/2025	2.0	151	<49.8	<0.00402	<0.00201
SS78	01/04/2025	2.0	114	<50.0	<0.00398	<0.00199
SS83	01/04/2025	2.0	83.7	<49.8	<0.00402	<0.00201
SS17	01/04/2025	2.0	574	<50.0	<0.00402	<0.00201
SS18	01/04/2025	2.0	346	<49.8	<0.00398	<0.00199
SS23	01/04/2025	2.0	677	50.2	<0.00404	<0.00202
SS24	01/04/2025	2.0	452	<49.9	<0.00396	<0.00198
SS67	01/04/2025	2.0	168	52.9	<0.00398	<0.00199
SS65	01/04/2025	2.0	89.7	62.2	<0.00400	<0.00200
SS29	01/04/2025	2.0	340	<49.8	<0.00399	<0.00200
SS64	01/04/2025	2.0	94.7	<50.0	<0.00402	<0.00201
SS26	01/04/2025	2.0	400	<49.9	<0.00398	<0.00199



TABLE 1
SOIL ANALYTICAL RESULTS
CLOSE ENCOUNTERS STATE COM #301H
LEA COUNTY, NEW MEXICO
LARIO OIL GAS CO

Sample ID	Date Sampled	Depth (feet bgs)	Chloride (mg/kg)	TPH ⁽³⁾ (mg/kg)	BTEX (mg/kg)	Benzene (mg/kg)
NMOCD Table I Soil Standard (mg/kg)⁽¹⁾			600	100	50	10
SS66	01/04/2025	2.0	120	71.1	<0.00402	<0.00201
SS21	01/05/2025	2.0	584	52.7	<0.00400	<0.00200
SS19	01/05/2025	2.0	1,260	<49.8	<0.00398	<0.00199
SS25	01/05/2025	2.0	526	54.2	<0.00402	<0.00201
SS103	01/05/2025	2.0	170	<50.0	<0.00398	<0.00199
SS75	01/05/2025	2.0	99.5	<50.0	<0.00400	<0.00200
SS95	01/05/2025	2.0	170	<49.8	<0.00402	<0.00201
SS97	01/05/2025	2.0	110	<49.8	<0.00400	<0.00200
SS102	01/05/2025	2.0	180	<50.0	<0.00398	<0.00199
SS99	01/05/2025	2.0	382	<49.8	<0.00402	<0.00201
SS20	01/05/2025	2.0	302	<49.8	<0.00404	<0.00202
SS22	01/05/2025	2.0	608	<49.7	<0.00396	<0.00198
SS63	01/05/2025	2.0	442	59.9	<0.00398	<0.00199
SS69	01/05/2025	2.0	190	<49.7	0.00485	<0.00200
SS62	01/05/2025	2.0	246	<50.0	<0.00399	<0.00200
SS68	01/05/2025	2.0	143	<49.8	<0.00402	<0.00201
SS61	01/05/2025	2.0	757	<49.8	<0.00398	<0.00199
SS70	01/05/2025	2.0	99.1	<49.9	<0.00399	<0.00200
SS30	01/05/2025	2.0	522	<50.0	0.0112	<0.00201
SS50	01/05/2025	2.0	269	<49.9	0.00690	<0.00199
SS47	01/05/2025	2.0	629	83.2	<0.00884	<0.00201
SS46	01/05/2025	2.0	239	<49.9	0.0335	<0.00199
SS48	01/05/2025	2.0	1,100	<49.8	0.00414	<0.00201
SS52	01/05/2025	2.0	179	<49.7	<0.00404	<0.00202
SS49	01/05/2025	2.0	515	<50.0	<0.00396	<0.00198
SS28	01/05/2025	2.0	399	<49.8	0.0164	<0.00199
SS51	01/05/2025	2.0	986	<49.8	0.00663	<0.00200

TABLE 1
SOIL ANALYTICAL RESULTS
CLOSE ENCOUNTERS STATE COM #301H
LEA COUNTY, NEW MEXICO
LARIO OIL GAS CO

Sample ID	Date Sampled	Depth (feet bgs)	Chloride (mg/kg)	TPH ⁽³⁾ (mg/kg)	BTEX (mg/kg)	Benzene (mg/kg)
NMOCD Table I Soil Standard (mg/kg)⁽¹⁾			600	100	50	10
SS92	01/05/2025	2.0	300	<50.0	<0.00399	<0.00200
SS91	01/05/2025	2.0	300	<50.0	0.00757	<0.00201
SS94	01/05/2025	2.0	197	<49.8	0.00759	<0.00199
SS74	01/05/2025	2.0	291	<50.0	0.00566	<0.00201
SS71	01/05/2025	2.0	198	<49.8	0.00423	<0.00200
SS96	01/05/2025	2.0	135	<49.7	<0.00398	<0.00199
SS16	01/06/2025	2.0	2,340	<50.0	0.00894	<0.00201
SS05	01/06/2025	2.0	781	<49.9	<0.00398	<0.00199
SS01	01/06/2025	3.0	128	<49.8	<0.00400	<0.00200
SS85	01/06/2025	2.0	310	<49.9	<0.00402	<0.00201
SS73	01/06/2025	2.0	184	<49.9	<0.00399	<0.00200
SS106	01/06/2025	2.0	198	<49.8	<0.00402	<0.00201
SS108	01/06/2025	2.0	228	<49.8	<0.00398	<0.00199
SS114	01/06/2025	2.0	165	<49.7	<0.00402	<0.00201
SS93	01/06/2025	2.0	376	<50.0	<0.00398	<0.00199
SS98	01/06/2025	2.0	371	<49.8	<0.00402	<0.00201
SS58	01/06/2025	2.0	748	<50.0	<0.00404	<0.00202
SS57	01/06/2025	2.0	894	54.2	<0.00396	<0.00198
SS54	01/06/2025	2.0	1,280	<49.8	<0.00398	<0.00199
SS73	01/06/2025	2.0	124	<50.0	<0.00400	<0.00200
SS27	01/06/2025	2.0	346	<49.8	<0.00399	<0.00200
SS79	01/06/2025	2.0	92.8	<49.9	<0.00399	<0.00201
SS82	01/06/2025	2.0	115	<50.0	<0.00402	<0.00201
SS115	01/06/2025	2.0	96.1	115	<0.00398	<0.00199
SS89	01/06/2025	2.0	104	<49.8	0.0226	<0.00201
SS112	01/07/2025	2.0	284	<50.0	<0.00399	<0.00200
SS245	01/07/2025	2.0	350	<50.0	<0.00402	<0.00201

TABLE 1
SOIL ANALYTICAL RESULTS
CLOSE ENCOUNTERS STATE COM #301H
LEA COUNTY, NEW MEXICO
LARIO OIL GAS CO

Sample ID	Date Sampled	Depth (feet bgs)	Chloride (mg/kg)	TPH ⁽³⁾ (mg/kg)	BTEX (mg/kg)	Benzene (mg/kg)
NMOCD Table I Soil Standard (mg/kg)⁽¹⁾			600	100	50	10
SS110	01/07/2025	2.0	230	<50.0	<0.00398	<0.00199
SS88	01/07/2025	2.0	498	<49.9	<0.00402	<0.00201
SS111	01/07/2025	2.0	123	<49.8	<0.00398	<0.00199
SS90	01/07/2025	2.0	410	<49.9	<0.00402	<0.00201
SS246	01/07/2025	2.0	436	<49.8	<0.00404	<0.00202
SS251	01/07/2025	2.0	407	<50.0	<0.00396	<0.00198
SS274	01/07/2025	2.0	357	<49.9	<0.00398	<0.00199
SS277	01/08/2025	2.0	308	<49.7	<0.00400	<0.00200
SS279	01/08/2025	2.0	238	<50.0	<0.00399	<0.00200
SS247	01/08/2025	2.0	557	<49.7	<0.00402	<0.00201
SS249	01/08/2025	2.0	436	<49.8	<0.00398	<0.00199
SS255	01/08/2025	2.0	425	<50.0	<0.00402	<0.00201
SS252	01/08/2025	2.0	494	<49.8	<0.00400	<0.00200
SS276	01/08/2025	2.0	159	<50.0	<0.00398	<0.00199
SS248	01/08/2025	2.0	473	<49.9	<0.00402	<0.00201
SS250	01/08/2025	2.0	373	<49.8	<0.00398	<0.00199
SS54	01/08/2025	3.0	79.2	<49.9	<0.00398	<0.00199
SS57	01/08/2025	3.0	175	<49.7	<0.00403	<0.00202
SS58	01/08/2025	3.0	150	<49.8	<0.00399	<0.00200
SS51	01/08/2025	3.0	106	<49.7	<0.00403	<0.00202
SS48	01/08/2025	3.0	96.7	<50.0	<0.00398	<0.00199
SS47	01/08/2025	3.0	161	<49.9	<0.00399	<0.00200
SS05	01/10/2025	4.5	206	<50.0	<0.00398	<0.00199
SS19	01/10/2025	4.5	125	<50.1	<0.00399	<0.00200
SS259	01/10/2025	2.0	266	<49.8	<0.00398	<0.00199
SS261	01/10/2025	2.0	358	<49.7	<0.00403	<0.00202
SS267	01/10/2025	2.0	329	<49.8	<0.00403	<0.00202



TABLE 1
SOIL ANALYTICAL RESULTS
CLOSE ENCOUNTERS STATE COM #301H
LEA COUNTY, NEW MEXICO
LARIO OIL GAS CO

Sample ID	Date Sampled	Depth (feet bgs)	Chloride (mg/kg)	TPH ⁽³⁾ (mg/kg)	BTEX (mg/kg)	Benzene (mg/kg)
NMOCD Table I Soil Standard (mg/kg)⁽¹⁾			600	100	50	10
SS266	01/10/2025	2.0	369	<50.0	<0.00399	<0.00200
SS260	01/10/2025	2.0	169	<49.8	<0.00403	<0.00202
SS22	01/10/2025	3.0	63.6	<49.7	<0.00398	<0.00199
SS81	01/11/2025	3.0	101	<49.9	<0.00404	<0.00202
SS16	01/11/2025	5.5	94.9	<50.0	<0.00402	<0.00201
SS61	01/11/2025	4.0	62.1	<50.2	<0.00398	<0.00199
SS04	01/11/2025	5.0	110	<50.1	<0.00399	<0.00200
SS107	01/11/2025	4.0	136	<50.5	<0.00398	<0.00199
SS109	01/11/2025	3.0	170	<50.0	<0.00399	<0.00200
SS115	01/11/2025	3.0	224	<50.0	<0.00398	<0.00199
SS80	01/11/2025	3.0	81.9	<49.8	<0.00399	<0.00200
SS23	01/11/2025	5.0	88.1	<49.6	<0.00401	<0.00200
SS118	01/11/2025	1.0	396	<50.2	<0.00399	<0.00200
SS113	01/11/2025	1.0	357	<49.9	<0.00398	<0.00199
SS84	01/11/2025	4.0	152	<49.9	0.00728	<0.00202
SS86	01/11/2025	4.0	180	<49.8	<0.00399	<0.00200
SS87	01/11/2025	4.0	158	<49.6	0.00446	<0.00202
SS289	01/12/2025	2.0	128	<50.3	<0.00398	<0.00199
SS291	01/12/2025	2.0	59.0	<49.7	<0.00403	<0.00202
SS281	01/12/2025	1.5-2.0	551	<49.9	<0.00399	<0.00200
SS282	01/12/2025	1.5-2.0	579	64.0	<0.00403	<0.00202
SS263	01/12/2025	2.0	408	<49.8	<0.00398	<0.00199
SS264	01/12/2025	2.0	465	106	<0.00399	<0.00200
SS265	01/12/2025	2.0	524	<49.9	<0.00404	<0.00202
SS262	01/12/2025	2.0	431	<50.3	<0.00402	<0.00201
SS252	01/12/2025	2.0	382	<50.2	<0.00398	<0.00199
SS293	01/12/2025	2.0	118	<50.1	<0.00399	<0.00200



TABLE 1
SOIL ANALYTICAL RESULTS
CLOSE ENCOUNTERS STATE COM #301H
LEA COUNTY, NEW MEXICO
LARIO OIL GAS CO

Sample ID	Date Sampled	Depth (feet bgs)	Chloride (mg/kg)	TPH ⁽³⁾ (mg/kg)	BTEX (mg/kg)	Benzene (mg/kg)
NMOCD Table I Soil Standard (mg/kg)⁽¹⁾			600	100	50	10
SS286	01/12/2025	1.5-2.0	394	<49.6	<0.00398	<0.00199
SS285	01/12/2025	1.5-2.0	446	51.5	0.00792	<0.00200
SS275	01/12/2025	1.0	229	<50.4	0.00732	<0.00202
SS253	01/12/2025	1.0	464	<50.3	<0.00402	<0.00201
SS119	01/12/2025	1.0	389	<49.8	<0.00398	<0.00199
SS280	01/12/2025	2.0	188	<50.1	<0.00399	<0.00200
SS294	01/12/2025	2.0	330	81.1	<0.00398	<0.00199
SS272	01/12/2025	2.0	495	<50.2	<0.00403	<0.00202
SS270	01/12/2025	2.0	597	<49.7	<0.00399	<0.00200
SS271	01/12/2025	2.0	662	<49.6	<0.00403	<0.00202
SS342	01/13/2025	2.0	150	<49.8	<0.00398	<0.00199
SS335	01/13/2025	2.0	228	<49.9	<0.00396	<0.00198
SS337	01/13/2025	2.0	118	<50.5	<0.00402	<0.00201
SS292	01/13/2025	2.0	160	<49.9	<0.00403	<0.00202
SS295	01/13/2025	2.0	153	<50.0	<0.00398	<0.00199
SS296	01/13/2025	2.0	114	<49.6	<0.00403	<0.00202
SS297	01/13/2025	2.0	177	<49.7	<0.00399	<0.00200
SS298	01/13/2025	2.0	109	<50.5	<0.00403	<0.00202
SS301	01/13/2025	2.0	210	<50.1	<0.00398	<0.00199
SS302	01/13/2025	2.0	208	<49.6	<0.00399	<0.00200
SS306	01/13/2025	2.0	445	65.8	<0.00404	<0.00202
SS307	01/13/2025	2.0	538	<50.5	<0.00402	<0.00201
SS312	01/13/2025	2.0	739	<50.0	<0.00398	<0.00199
SS336	01/13/2025	2.0	112	<49.8	<0.00399	<0.00200
SS310	01/14/2025	2.0	95.0	<50.0	<0.00398	<0.00199
SS311	01/14/2025	2.0	74.0	<49.8	0.00488	<0.00202
SS316	01/14/2025	2.0	140	<49.7	<0.00399	<0.00200

TABLE 1
SOIL ANALYTICAL RESULTS
CLOSE ENCOUNTERS STATE COM #301H
LEA COUNTY, NEW MEXICO
LARIO OIL GAS CO

Sample ID	Date Sampled	Depth (feet bgs)	Chloride (mg/kg)	TPH ⁽³⁾ (mg/kg)	BTEX (mg/kg)	Benzene (mg/kg)
NMOCD Table I Soil Standard (mg/kg)⁽¹⁾			600	100	50	10
SS317	01/14/2025	2.0	159	<50.0	<0.00403	<0.00202
SS313	01/14/2025	2.0	118	53.0	<0.00398	<0.00199
SS319	01/14/2025	2.0	130	72.6	<0.00403	<0.00202
SS318	01/14/2025	2.0	95.8	<49.8	<0.00399	<0.00200
SS329	01/14/2025	2.0	126	<49.9	<0.00403	<0.00202
SS322	01/14/2025	2.0	401	<49.9	<0.00398	<0.00199
SS327	01/14/2025	2.0	533	<50.0	<0.00403	<0.00202
SS338	01/14/2025	2.0	135	<49.7	<0.00399	<0.00200
SS339	01/14/2025	2.0	45.2	<49.8	<0.00403	<0.00202
SS350	01/14/2025	2.0	56.5	<50.0	<0.00398	<0.00199
SS340	01/14/2025	2.0	53.5	<50.0	<0.00399	<0.00200
SS341	01/14/2025	2.0	56.5	<49.9	<0.00404	<0.00202
SS344	01/14/2025	2.0	70.0	<49.9	<0.00402	<0.00201
SS328	01/14/2025	2.0	406	<49.8	<0.00398	<0.00199
SS323	01/15/2025	2.0	721	<50.0	<0.00399	<0.00200
SS324	01/15/2025	2.0	586	<49.7	<0.00396	<0.00198
SS325	01/15/2025	2.0	431	<49.8	<0.00402	<0.00201
SS326	01/15/2025	2.0	685	<50.0	<0.00403	<0.00202
SS489	01/15/2025	2.0	489	<49.8	<0.00397	<0.00198
SS331	01/15/2025	2.0	331	<50.0	<0.00400	<0.00200
SS332	01/15/2025	2.0	324	<49.9	<0.00398	<0.00199
SS490	01/15/2025	2.0	191	<49.9	<0.00403	<0.00202
SS491	01/15/2025	2.0	189	<50.0	<0.00399	<0.00200
SS330	01/15/2025	2.0	284	<49.8	<0.00402	<0.00201
SS333	01/15/2025	2.0	130	<49.8	<0.00399	<0.00200
SS334	01/15/2025	2.0	433	<49.7	<0.00399	<0.00200
SS493	01/15/2025	2.0	441	<49.8	<0.00396	<0.00198



TABLE 1
SOIL ANALYTICAL RESULTS
CLOSE ENCOUNTERS STATE COM #301H
LEA COUNTY, NEW MEXICO
LARIO OIL GAS CO

Sample ID	Date Sampled	Depth (feet bgs)	Chloride (mg/kg)	TPH ⁽³⁾ (mg/kg)	BTEX (mg/kg)	Benzene (mg/kg)
NMOCD Table I Soil Standard (mg/kg)⁽¹⁾			600	100	50	10
SS494	01/15/2025	2.0	191	<49.9	<0.00402	<0.00201
SS495	01/15/2025	2.0	112	<49.8	<0.00403	<0.00202
SS351	01/15/2025	2.0	147	<50.0	<0.00397	<0.00198
SS354	01/15/2025	2.0	259	<49.8	<0.00400	<0.00200
SS355	01/15/2025	2.0	91.2	<49.7	<0.00398	<0.00199
SS352	01/15/2025	2.0	105	<49.9	<0.00404	<0.00202
SS353	01/15/2025	2.0	81.9	<50.0	<0.00401	<0.00200
SS356	01/15/2025	2.0	120	<49.8	<0.00399	<0.00200
SS357	01/15/2025	2.0	177	<49.8	<0.00401	<0.00200
SS496	01/15/2025	2.0	103	<49.7	<0.00398	<0.00199
SS358	01/15/2025	2.0	87.3	<50.0	0.00743	<0.00198
SS359	01/15/2025	2.0	70.7	<49.8	<0.00402	<0.00201
SS362	01/15/2025	2.0	78.7	<49.9	<0.00402	<0.00201
SS363	01/15/2025	2.0	95.0	<49.9	<0.00404	<0.00202
SS498	01/15/2025	2.0	165	<50.0	<0.00398	<0.00199
SS499	01/16/2025	2.0	172	<49.9	<0.00398	<0.00199
SS500	01/16/2025	2.0	126	<49.8	<0.00399	<0.00200
SS501	01/16/2025	2.0	152	<49.9	<0.00403	<0.00202
SS502	01/16/2025	2.0	129	<50.0	<0.00398	<0.00199
SS503	01/16/2025	2.0	286	84.3	<0.00402	<0.00201
SS504	01/16/2025	2.0	173	<50.0	<0.00403	<0.00202
SS505	01/16/2025	2.0	164	<49.8	<0.00398	<0.00199
SS360	01/16/2025	2.0	442	55.7	<0.00398	<0.00199
SS361	01/16/2025	2.0	130	<49.8	<0.00396	<0.00198
SS364	01/16/2025	2.0	222	81.1	<0.00402	<0.00201
SS365	01/16/2025	2.0	110	<50.0	<0.00398	<0.00199
SS411	01/16/2025	2.0	112	<50.0	<0.00399	<0.00200

TABLE 1
SOIL ANALYTICAL RESULTS
CLOSE ENCOUNTERS STATE COM #301H
LEA COUNTY, NEW MEXICO
LARIO OIL GAS CO

Sample ID	Date Sampled	Depth (feet bgs)	Chloride (mg/kg)	TPH ⁽³⁾ (mg/kg)	BTEX (mg/kg)	Benzene (mg/kg)
NMOCD Table I Soil Standard (mg/kg)⁽¹⁾			600	100	50	10
SS412	01/16/2025	2.0	99.0	<49.9	<0.00403	<0.00202
SS415	01/16/2025	2.0	186	<50.0	<0.00398	<0.00199
SS416	01/16/2025	2.0	185	<49.9	<0.00402	<0.00201
SS40	01/19/2025	2.0	2,170	402	<0.00398	<0.00199
SS41	01/19/2025	2.0	2,720	361	0.00405	<0.00202
SS44	01/19/2025	2.0	2,060	174	<0.00398	<0.00199
SS45	01/19/2025	2.0	2,400	292	<0.00399	<0.00200
SS122	01/19/2025	2.0	428	317	<0.00404	<0.00202
SS123	01/19/2025	2.0	1,200	<49.9	<0.00401	<0.00200
SS125	01/19/2025	2.0	1,150	149	<0.00399	<0.00200
SS126	01/19/2025	2.0	966	<49.8	<0.00403	<0.00202
SS124	01/19/2025	2.0	1,500	96.1	0.00646	<0.00200
SS127	01/19/2025	2.0	2,240	688	<0.00397	<0.00198
SS128	01/19/2025	2.0	826	134	<0.00404	<0.00202
SS129	01/19/2025	2.0	1,300	127	<0.00402	<0.00201
SS130	01/19/2025	2.0	2,010	458	<0.00403	<0.00202
SS133	01/19/2025	2.0	2,520	656	0.00452	<0.00200
SS134	01/19/2025	2.0	5,660	200	<0.00400	<0.00200
SS131	01/19/2025	2.0	983	126	<0.00398	<0.00199
SS132	01/19/2025	2.0	1,510	470	<0.00402	<0.00201
SS135	01/19/2025	2.0	1,920	920	<0.00399	<0.00200
SS136	01/19/2025	2.0	1,930	929	<0.00403	<0.00202
SS183	01/19/2025	2.0	1,410	440	<0.00398	<0.00199
SS184	01/19/2025	2.0	1,710	490	<0.00398	<0.00199
SS185	01/19/2025	2.0	2,300	713	<0.00400	<0.00200
SS55	01/19/2025	2.0	2,180	1,070	0.0164	<0.00199
SS56	01/19/2025	2.0	1,580	138	0.0840	<0.00201



TABLE 1
SOIL ANALYTICAL RESULTS
CLOSE ENCOUNTERS STATE COM #301H
LEA COUNTY, NEW MEXICO
LARIO OIL GAS CO

Sample ID	Date Sampled	Depth (feet bgs)	Chloride (mg/kg)	TPH ⁽³⁾ (mg/kg)	BTEX (mg/kg)	Benzene (mg/kg)
NMOCD Table I Soil Standard (mg/kg)⁽¹⁾			600	100	50	10
SS59	01/19/2025	2.0	1,640	633	<0.00402	<0.00201
SS137	01/19/2025	2.0	1,780	958	0.0595	<0.00200
SS140	01/19/2025	2.0	1,970	802	<0.00399	<0.00200
SS138	01/19/2025	2.0	2,020	682	0.0207	<0.00198
SS139	01/19/2025	2.0	1,290	123	0.0280	<0.00202
SS142	01/19/2025	2.0	1,420	168	<0.00398	<0.00199
SS144	01/19/2025	2.0	2,300	1130	<0.00402	<0.00201
SS145	01/19/2025	2.0	2,500	946	0.103	<0.00200
SS148	01/19/2025	2.0	1,210	116	0.0882	<0.00198
SS146	01/20/2025	2.0	638	117	<0.00399	<0.00200
SS147	01/20/2025	2.0	652	121	<0.00401	<0.00200
SS150	01/20/2025	2.0	823	69	<0.00398	<0.00199
SS186	01/20/2025	2.0	803	59.9	<0.00404	<0.00202
SS188	01/20/2025	2.0	847	71.2	<0.00401	<0.00200
SS187	01/20/2025	2.0	915	76.1	<0.00397	<0.00198
SS189	01/20/2025	2.0	798	56.8	<0.00404	<0.00202
SS190	01/20/2025	2.0	1,900	109	<0.00398	<0.00199
SS191	01/20/2025	2.0	1,800	124	<0.00403	<0.00202
SS194	01/20/2025	2.0	1,820	135	<0.00396	<0.00198
SS60	01/20/2025	2.0	1,790	131	<0.00399	<0.00200
SS100	01/20/2025	2.0	1,940	108	<0.00404	<0.00202
SS101	01/20/2025	2.0	2,130	126	<0.00401	<0.00200
SS141	01/20/2025	2.0	2,030	133	<0.00403	<0.00202
SS152	01/20/2025	2.0	2,040	112	<0.00398	<0.00199
SS153	01/20/2025	2.0	1,970	98.6	<0.00399	<0.00200
SS143	01/20/2025	2.0	1,940	125	<0.00402	<0.00201
SS154	01/20/2025	2.0	1,980	137	<0.00399	<0.00200



TABLE 1
SOIL ANALYTICAL RESULTS
CLOSE ENCOUNTERS STATE COM #301H
LEA COUNTY, NEW MEXICO
LARIO OIL GAS CO

Sample ID	Date Sampled	Depth (feet bgs)	Chloride (mg/kg)	TPH ⁽³⁾ (mg/kg)	BTEX (mg/kg)	Benzene (mg/kg)
NMOCD Table I Soil Standard (mg/kg)⁽¹⁾			600	100	50	10
SS149	01/20/2025	2.0	402	<49.8	<0.00402	<0.00201
SS159	01/20/2025	2.0	409	<49.8	<0.00396	<0.00198
SS160	01/20/2025	2.0	901	65.3	<0.00398	<0.00199
SS151	01/20/2025	2.0	932	69.2	<0.00403	<0.00202
SS161	01/20/2025	2.0	955	91.7	<0.00397	<0.00198
SS162	01/20/2025	2.0	651	<49.9	<0.00403	<0.00202
SS513	01/21/2025	1.5-2	1,600	139	<0.00399	<0.00200
SS511	01/21/2025	1.5-2	1,330	262	<0.00404	<0.00202
SS516	01/21/2025	1.5-2	1,490	240	0.00483	<0.00199
SS517	01/21/2025	1.5-2	306	<49.8	<0.00399	<0.00200
SS514	01/21/2025	2.0	615	154	<0.00404	<0.00202
SS515	01/21/2025	2.0	1,520	388	<0.00402	<0.00201
SS507	01/21/2025	2.0	298	<50.0	<0.00399	<0.00200
SS509	01/21/2025	2.0	592	169	<0.00404	<0.00202
SS532	01/21/2025	2.0	272	337	<0.00398	<0.00199
SS531	01/21/2025	2-2.5	1,670	<49.9	<0.00399	<0.00200
SS508	01/21/2025	2-2.5	1,570	218	<0.00404	<0.00202
SS529	01/21/2025	2-2.5	579	70.7	<0.00402	<0.00201
SS530	01/21/2025	2-2.5	468	92.3	<0.00399	<0.00200
SS525	01/21/2025	2-2.5	567	156	<0.00404	<0.00202
SS526	01/21/2025	2-2.5	671	137	<0.00398	<0.00199
SS527	01/21/2025	2-2.5	1,680	169	<0.00399	<0.00200
SS518	01/21/2025	2-2.5	1,550	154	<0.00404	<0.00202
SS519	01/21/2025	2-2.5	1,430	395	<0.00402	<0.00201
SS520	01/21/2025	2-2.5	315	<49.8	<0.00404	<0.00202
SS528	01/21/2025	2-2.5	1,550	129	<0.00404	<0.00202
SS522	01/21/2025	2-2.5	3,090	156	<0.00398	<0.00199



TABLE 1
SOIL ANALYTICAL RESULTS
CLOSE ENCOUNTERS STATE COM #301H
LEA COUNTY, NEW MEXICO
LARIO OIL GAS CO

Sample ID	Date Sampled	Depth (feet bgs)	Chloride (mg/kg)	TPH ⁽³⁾ (mg/kg)	BTEX (mg/kg)	Benzene (mg/kg)
NMOCD Table I Soil Standard (mg/kg)⁽¹⁾			600	100	50	10
SS521	01/21/2025	2-2.5	633	74.0	<0.00399	<0.00200
SS524	01/21/2025	2-2.5	1,390	631	<0.00398	<0.00199
SS523	01/21/2025	2-2.5	584	100	<0.00399	<0.00200
SS535	01/21/2025	2-2.5	1,370	204	<0.00404	<0.00202
SS533	01/21/2025	2-2.5	321	<49.8	<0.00398	<0.00199
SS536	01/21/2025	2-2.5	1,480	271	<0.00399	<0.00200
SS534	01/21/2025	2-2.5	1,510	263	<0.00404	<0.00202
SS544	01/22/2025	5.0	802	<50.0	<0.00399	<0.00200
SS550	01/22/2025	5.0	651	<49.7	<0.00404	<0.00202
SS559	01/22/2025	5.0	587	<49.9	0.00398	<0.00199
SS563	01/22/2025	5.0	405	<50.0	<0.00399	<0.00200
SS571	01/22/2025	5.0	803	<49.8	<0.00404	<0.00202
SS554	01/22/2025	5.0	817	<50.0	0.0200	<0.00200
SS558	01/22/2025	5.0	773	<49.9	<0.00402	<0.00201
SS561	01/22/2025	5.0	536	<50.0	<0.00401	<0.00200
SS564	01/22/2025	5.0	570	<49.8	<0.00402	<0.00201
SS570	01/22/2025	5.0	853	<50.0	<0.00401	<0.00200
SS557	01/22/2025	5.0	738	<49.8	0.00928	<0.00199
SS560	01/22/2025	5.0	709	<49.9	<0.00399	<0.00200
SS562	01/22/2025	5.0	475	<50.0	<0.00398	<0.00199
SS565	01/22/2025	5.0	725	<50.0	<0.00398	<0.00199
SS566	01/22/2025	5.0	825	<49.7	<0.00398	<0.00199
SS580	01/23/2025	5.0	75.4	<50.0	<0.00399	<0.00200
SS610	01/23/2025	5.0	9.43	<49.8	<0.00402	<0.00201
SS639	01/23/2025	5.0	23.1	101	<0.00398	<0.00199
SS670	01/23/2025	5.0	12.9	82.0	<0.00402	<0.00201
SS728	01/23/2025	5.0	11.0	<49.7	<0.00399	<0.00200



TABLE 1
SOIL ANALYTICAL RESULTS
CLOSE ENCOUNTERS STATE COM #301H
LEA COUNTY, NEW MEXICO
LARIO OIL GAS CO

Sample ID	Date Sampled	Depth (feet bgs)	Chloride (mg/kg)	TPH ⁽³⁾ (mg/kg)	BTEX (mg/kg)	Benzene (mg/kg)
NMOCD Table I Soil Standard (mg/kg)⁽¹⁾			600	100	50	10
SS707	01/23/2025	5.0	15.5	149	<0.00398	<0.00199
SS679	01/23/2025	5.0	21.5	67.4	<0.00402	<0.00201
SS692	01/23/2025	2.0	294	456	<0.00399	<0.00200
SS746	01/23/2025	2.0	249	915	0.193	<0.00202
SS762	01/23/2025	2.0	132	862	0.265	<0.00199
SS781	01/23/2025	2.0	158	763	0.147	<0.00201
SS848	01/23/2025	2.0	159	597	0.248	<0.00198
SS961	01/23/2025	2.0	143	583	0.105	<0.00202
SS880	01/23/2025	2.0	313	998	0.150	<0.00198
SS938	01/23/2025	2.0	827	543	0.123	<0.00200
SS800	01/23/2025	2.0	709	1,720	0.128	<0.00202
SS825	01/23/2025	2.0	830	1,040	0.115	<0.00198
SS774	01/23/2025	2.0	914	974	0.163	<0.00200
SS759	01/23/2025	2.0	671	1,380	0.304	<0.00201
SS738	01/23/2025	2.0	55.2	59.0	0.00979	<0.00199
SS697	01/23/2025	2.0	106	158	<0.00404	<0.00202
SS574	01/27/2025	5.0	346	<49.8	<0.00399	<0.00200
SS597	01/27/2025	5.0	97.2	<49.8	<0.00402	<0.00201
SS627	01/27/2025	5.0	95.4	77.4	<0.00398	<0.00199
SS658	01/27/2025	5.0	88.3	183	<0.00404	<0.00202
SS649	01/27/2025	5.0	62.9	148	<0.00399	<0.00200
SS646	01/27/2025	5.0	89.2	436	0.0420	<0.00202
SS719	01/27/2025	5.0	40.5	108	<0.00399	<0.00200
SS704	01/27/2025	5.0	83.6	171	<0.00402	<0.00201
SS715	01/27/2025	5.0	67.8	<49.8	<0.00398	<0.00199
SS678	01/27/2025	5.0	17.6	<50.0	<0.00404	<0.00202
SS582	01/27/2025	5.0	686	69.7	<0.00399	<0.00200



TABLE 1
SOIL ANALYTICAL RESULTS
CLOSE ENCOUNTERS STATE COM #301H
LEA COUNTY, NEW MEXICO
LARIO OIL GAS CO

Sample ID	Date Sampled	Depth (feet bgs)	Chloride (mg/kg)	TPH ⁽³⁾ (mg/kg)	BTEX (mg/kg)	Benzene (mg/kg)
NMOCD Table I Soil Standard (mg/kg)⁽¹⁾			600	100	50	10
SS592	01/27/2025	5.0	311	<49.9	<0.00402	<0.00201
SS603	01/27/2025	5.0	36.5	<49.7	<0.00398	<0.00199
SS608	01/27/2025	5.0	22.7	<50.0	<0.00404	<0.00202
SS617	01/27/2025	5.0	255	<49.8	<0.00399	<0.00200
SS614	01/27/2025	5.0	204	404	<0.00404	<0.00202
SS349	01/28/2025	2.0	321	<50.0	<0.00401	<0.00200
SS385	01/28/2025	2.0	375	58.8	<0.00399	<0.00200
SS418	01/28/2025	2.0	279	153	<0.00402	<0.00201
SS426	01/28/2025	2.0	667	430	<0.00403	<0.00202
SS408	01/28/2025	2.0	279	62.5	<0.00398	<0.00199
SS475	01/28/2025	2.0	224	95.6	<0.00401	<0.00200
SS487	01/28/2025	2.0	1,640	1,870	<0.00399	<0.00200
SS470	01/28/2025	2.0	793	140	0.0418	<0.00201
SS448	01/28/2025	2.0	270	314	<0.00403	<0.00202
SS458	01/28/2025	2.0	97.5	<49.9	<0.00398	<0.00199
SS387	01/28/2025	2.0	213	73.9	<0.00401	<0.00200
SS366	01/28/2025	2.0	572	<49.8	0.00423	<0.00200
SS439	01/28/2025	2.0	1,670	545	0.0581	<0.00201
SS442	01/28/2025	2.0	1,750	2,050	0.160	<0.00202
SS215	01/28/2025	2.0	14.6	<50.0	0.0330	<0.00199
SS390	01/28/2025	2.0	175	<50.0	<0.00401	<0.00200
SS372	01/28/2025	2.0	1,200	156	<0.00399	<0.00200
SS427	01/28/2025	2.0	394	68.4	<0.00402	<0.00201
SS117	01/28/2025	2.0	40.0	<50.0	<0.00403	<0.00202
SS173	01/28/2025	2.0	2,800	115	<0.00398	<0.00199
SS163	01/28/2025	2.0	671	83.7	<0.00401	<0.00200
SS205	01/28/2025	2.0	654	842	<0.00399	<0.00200



TABLE 1
SOIL ANALYTICAL RESULTS
CLOSE ENCOUNTERS STATE COM #301H
LEA COUNTY, NEW MEXICO
LARIO OIL GAS CO

Sample ID	Date Sampled	Depth (feet bgs)	Chloride (mg/kg)	TPH ⁽³⁾ (mg/kg)	BTEX (mg/kg)	Benzene (mg/kg)
NMOCD Table I Soil Standard (mg/kg)⁽¹⁾			600	100	50	10
SS229	01/28/2025	2.0	211	912	<0.00402	<0.00201
SS198	01/28/2025	2.0	296	85.0	<0.00403	<0.00202
SS227	01/28/2025	2.0	2,390	608	0.0188	<0.00199
SS181	01/28/2025	2.0	644	<49.8	<0.00396	<0.00198
SS961	01/29/2025	3.0	274	149	0.00428	<0.00200
SS774	01/29/2025	3.0	672	329	<0.00399	<0.00200
SS825	01/29/2025	3.0	733	413	0.0294	<0.00201
SS759	01/29/2025	3.0	136	93.1	<0.00403	<0.00202
SS692	01/29/2025	3.0	1,680	1,250	0.599	0.00888
SW20	01/29/2025	0-5	261	<49.8	<0.00396	<0.00198
SW48	01/29/2025	0-5	20.2	<49.9	<0.00401	<0.00200
SW61	01/29/2025	0-5	27.5	<50.0	<0.00399	<0.00200
SW55	01/29/2025	0-5	14.0	<49.8	<0.00402	<0.00201
SW60	01/29/2025	0-5	202	<49.7	<0.00403	<0.00202
SW93	01/29/2025	0-5	799	425	<0.00398	<0.00199
SW70	01/29/2025	0-5	906	2,180	<0.00396	<0.00198
SW85	01/29/2025	0-5	254	658	<0.00401	<0.00200
SW104	01/29/2025	0-5	3,720	<49.9	0.0102	<0.00200
SW107	01/29/2025	0-5	31.9	<50.0	<0.00402	<0.00201
SS605	01/29/2025	5.0	27.3	<49.9	<0.00403	<0.00202
SS620	01/29/2025	5.0	26.9	<49.8	<0.00398	<0.00199
SS607	01/29/2025	5.0	24.6	<50.0	<0.00396	<0.00198
SS593	01/29/2025	5.0	26.5	<49.8	<0.00401	<0.00200
SS602	01/29/2025	5.0	28.1	<49.9	<0.00399	<0.00200
SW57	01/29/2025	0-5	23.2	<49.8	<0.00402	<0.00201
SW59	01/29/2025	0-5	20.9	<49.7	<0.00403	<0.00202
SS584	01/30/2025	5.0	369	<49.7	<0.00401	<0.00200



TABLE 1
SOIL ANALYTICAL RESULTS
CLOSE ENCOUNTERS STATE COM #301H
LEA COUNTY, NEW MEXICO
LARIO OIL GAS CO

Sample ID	Date Sampled	Depth (feet bgs)	Chloride (mg/kg)	TPH ⁽³⁾ (mg/kg)	BTEX (mg/kg)	Benzene (mg/kg)
NMOCD Table I Soil Standard (mg/kg)⁽¹⁾			600	100	50	10
SS585	01/30/2025	5.0	256	<49.7	<0.00399	<0.00200
SS583	01/30/2025	5.0	30.4	<49.8	<0.00402	<0.00201
SS590	01/30/2025	5.0	578	<49.9	<0.00403	<0.00202
SS587	01/30/2025	5.0	1,060	51.2	<0.00401	<0.00200
SS586	01/30/2025	5.0	1,130	<49.9	<0.00399	<0.00200
SS589	01/30/2025	5.0	32.1	<50.0	<0.00398	<0.00199
SS588	01/30/2025	5.0	30.5	<49.9	<0.00398	<0.00199
SS596	01/30/2025	5.0	31.6	<49.8	0.00490	<0.00200
SS594	01/30/2025	5.0	309	<49.8	<0.00401	<0.00200
SS595	01/30/2025	5.0	300	<49.9	<0.00398	<0.00199
SS600	01/30/2025	5.0	319	<49.9	<0.00398	<0.00199
SS598	01/30/2025	5.0	320	<50.5	<0.00399	<0.00200
SS601	01/30/2025	5.0	297	<50.3	<0.00401	<0.00200
SS599	01/30/2025	5.0	291	<49.7	<0.00398	<0.00199
SS619	01/30/2025	5.0	338	<49.8	<0.00398	<0.00199
SS618	01/30/2025	5.0	296	<50.0	<0.00401	<0.00200
SS622	01/30/2025	5.0	280	<49.9	<0.00399	<0.00200
SS621	01/30/2025	5.0	77.9	<49.7	<0.00398	<0.00199
SS611	01/30/2025	5.0	74.1	<49.8	<0.00399	<0.00200
SS623	01/30/2025	5.0	76.4	<49.7	<0.00401	<0.00200
SS612	01/30/2025	5.0	71.2	<49.7	<0.00399	<0.00200
SS624	01/30/2025	5.0	67.8	<49.7	<0.00402	<0.00201
SW53	01/30/2025	0-5	13.7	<49.9	<0.00403	<0.00202
SW54	01/30/2025	0-5	11.1	<49.8	<0.00401	<0.00200
SW56	01/30/2025	0-5	11.3	89.7	<0.00399	<0.00200
SW58	01/30/2025	0-5	66.9	<49.7	<0.00398	<0.00199
SW62	01/30/2025	0-5	68.2	<49.8	<0.00398	<0.00199

TABLE 1
SOIL ANALYTICAL RESULTS
CLOSE ENCOUNTERS STATE COM #301H
LEA COUNTY, NEW MEXICO
LARIO OIL GAS CO

Sample ID	Date Sampled	Depth (feet bgs)	Chloride (mg/kg)	TPH ⁽³⁾ (mg/kg)	BTEX (mg/kg)	Benzene (mg/kg)
NMOCD Table I Soil Standard (mg/kg)⁽¹⁾			600	100	50	10
SW63	01/30/2025	0-5	10.9	<49.8	<0.00399	<0.00200
SW65	01/30/2025	0-5	12.2	<49.9	<0.00401	<0.00200
SS121	01/31/2025	2.0	1,420	67.6	<0.00404	<0.00202
SS343	01/31/2025	2.0	275	61.7	<0.00398	<0.00199
SS400	01/31/2025	2.0	82.4	<49.8	<0.00402	<0.00201
SS423	01/31/2025	2.0	436	56.7	<0.00398	<0.00199
SS473	01/31/2025	2.0	1,630	376	<0.00400	<0.00200
SS461	01/31/2025	2.0	80.7	<49.9	<0.00402	<0.00201
SS405	01/31/2025	2.0	169	65.0	0.0132	0.0103
SS907	01/31/2025	3.0	405	329	<0.00398	<0.00199
SW194	01/31/2025	0-3	273	576	<0.00400	<0.00200
SW195	01/31/2025	0-3	364	442	<0.00402	<0.00201
SW173	01/31/2025	0-3	435	1,030	<0.00402	<0.00201
SW174	01/31/2025	0-3	326	907	<0.00398	<0.00199
SW143	01/31/2025	0-3	141	142	<0.00399	<0.00200
SW144	01/31/2025	0-3	127	162	<0.00398	<0.00199
SS154	01/31/2025	3.0	<9.98	<50.0	<0.00398	<0.00199
SS155	01/31/2025	3.0	115	130	<0.00401	<0.00200
SW117	01/31/2025	0-3	13.0	<49.9	<0.00399	<0.00200
SW118	01/31/2025	0-3	10.5	<49.8	<0.0201	<0.0100
SW43	01/31/2025	0-5	24.9	<49.8	<0.00399	<0.00200
SW44	01/31/2025	0-5	31.4	<50.0	<0.00402	<0.00201
SW45	01/31/2025	0-5	59.2	<49.9	<0.00404	<0.00202
SS515	02/03/2025	3.0	2,030	<50.0	<0.00402	<0.00201
SS534	02/03/2025	4.0	37.3	<49.8	<0.00398	<0.00199
SS544	02/03/2025	4.0	130	<49.7	<0.00402	<0.00201
SS554	02/03/2025	6.0	818	<49.9	<0.00404	<0.00202



TABLE 1
SOIL ANALYTICAL RESULTS
CLOSE ENCOUNTERS STATE COM #301H
LEA COUNTY, NEW MEXICO
LARIO OIL GAS CO

Sample ID	Date Sampled	Depth (feet bgs)	Chloride (mg/kg)	TPH ⁽³⁾ (mg/kg)	BTEX (mg/kg)	Benzene (mg/kg)
NMOCD Table I Soil Standard (mg/kg)⁽¹⁾			600	100	50	10
SS566	02/03/2025	6.0	176	<49.8	<0.00398	<0.00199
SS582	02/03/2025	6.0	834	<49.9	<0.00399	<0.00200
SS614	02/03/2025	6.0	16.3	<50.0	<0.00402	<0.00201
SS658	02/03/2025	6.0	54.3	160	<0.00398	<0.00199
SS649	02/03/2025	6.0	19.5	<49.9	<0.00402	<0.00201
SS586	02/03/2025	6.0	182	<49.8	<0.00404	<0.00202
SS587	02/03/2025	6.0	181	<49.9	<0.00398	<0.00199
SS635	02/03/2025	6.0	16.8	<49.9	<0.00399	<0.00200
SW79	02/03/2025	0-6	764	<49.8	<0.00396	<0.00198
SW80	02/03/2025	0-6	877	<50.0	<0.00397	<0.00198
SW74	02/03/2025	0-6	959	<49.8	<0.00398	<0.00199
SW71	02/03/2025	0-6	809	<49.9	<0.00401	<0.00200
SW47	02/03/2025	0-6	745	<49.8	<0.00398	<0.00199
SW50	02/03/2025	0-6	604	<49.9	<0.00399	<0.00200
SW08	02/03/2025	0-2	759	<49.8	<0.00396	<0.00198
SW11	02/03/2025	0-2	689	<49.7	<0.00397	<0.00198
SW24	02/03/2025	0-6	6,310	<49.7	<0.00398	<0.00199
SW27	02/03/2025	0-6	493	<49.8	<0.00401	<0.00200
SW35	02/03/2025	0-6	4,390	<50.0	<0.00398	<0.00199
SW36	02/03/2025	0-6	4,000	<49.8	<0.00399	<0.00200
SW111	02/06/2025	0-5	11.8	<49.9	<0.00401	<0.00200
SW108	02/06/2025	0-5	326	388	0.858	<0.0498
SW99	02/06/2025	0-5	223	1,530	0.0414	<0.00199
SW98	02/06/2025	0-5	229	1,180	0.0567	<0.00200
SW66	02/06/2025	0-5	326	1,030	<0.00398	<0.00199
SW64	02/06/2025	0-5	297	320	0.0527	<0.00199
SW51	02/06/2025	0-6	273	266	0.00505	<0.00200



TABLE 1
SOIL ANALYTICAL RESULTS
CLOSE ENCOUNTERS STATE COM #301H
LEA COUNTY, NEW MEXICO
LARIO OIL GAS CO

Sample ID	Date Sampled	Depth (feet bgs)	Chloride (mg/kg)	TPH ⁽³⁾ (mg/kg)	BTEX (mg/kg)	Benzene (mg/kg)
NMOCD Table I Soil Standard (mg/kg)⁽¹⁾			600	100	50	10
SW52	02/06/2025	0-6	250	232	<0.00397	<0.00198
SW30	02/06/2025	0-6	837	<49.8	<0.00399	<0.00200
SW33	02/06/2025	0-6	905	57.8	<0.00401	<0.00200
SW199	02/06/2025	0-3	14.7	<49.9	<0.00401	<0.00200
SW200	02/06/2025	0-3	<9.98	<49.8	<0.00398	<0.00199
SW184	02/06/2025	0-3	10.3	<49.7	<0.00398	<0.00199
SW183	02/06/2025	0-3	<10.1	<49.8	<0.00399	<0.00200
SW167	02/06/2025	0-3	300	1,410	0.0486	<0.00199
SW168	02/06/2025	0-3	248	1,620	0.0524	<0.00199
SW147	02/06/2025	0-3	290	1,920	0.0393	<0.00200
SW148	02/06/2025	0-3	236	2,140	0.0383	<0.00198
SW129	02/06/2025	0-3	9,850	<49.8	<0.00399	<0.00200
SW130	02/06/2025	0-3	4,890	<50.0	<0.00401	<0.00200
SS613	02/06/2025	6.0	5,040	<49.9	<0.00398	<0.00199
SS575	02/06/2025	6.0	5,250	<49.9	<0.00399	<0.00200
SS565	02/06/2025	6.0	5,100	<49.8	<0.00402	<0.00201
SS554	02/11/2025	7.0	279	116	<0.00401	<0.00200
SS582	02/11/2025	7.0	156	428	<0.00398	<0.00199
SS636	02/11/2025	7.0	170	60.3	<0.00398	<0.00199
SS658	02/11/2025	7.0	15.1	<49.9	<0.00399	<0.00200
SS646	02/11/2025	7.0	159	63.5	<0.00398	<0.00199
SS719	02/11/2025	7.0	141	68.0	<0.00398	<0.00199
SS704	02/11/2025	7.0	13.4	<50.0	<0.00401	<0.00200
SS683	02/11/2025	7.0	17.4	<49.8	<0.00398	<0.00199
SS650	02/11/2025	7.0	18.7	<49.9	<0.00398	<0.00199
SS616	02/11/2025	7.0	19.9	<50.0	<0.00399	<0.00200
SS575	02/11/2025	7.0	95.2	<49.9	<0.00398	<0.00199



TABLE 1
SOIL ANALYTICAL RESULTS
CLOSE ENCOUNTERS STATE COM #301H
LEA COUNTY, NEW MEXICO
LARIO OIL GAS CO

Sample ID	Date Sampled	Depth (feet bgs)	Chloride (mg/kg)	TPH ⁽³⁾ (mg/kg)	BTEX (mg/kg)	Benzene (mg/kg)
NMOCD Table I Soil Standard (mg/kg)⁽¹⁾			600	100	50	10
SS542	02/11/2025	7.0	19.9	<49.7	<0.00398	<0.00199
SS713	02/11/2025	7.0	85.5	62.8	<0.00401	<0.00200
SS661	02/11/2025	7.0	19.1	<49.8	<0.00398	<0.00199
SS558	02/11/2025	7.0	199	94.8	<0.00398	<0.00199
SW86	02/12/2025	0-7	18.3	<49.9	<0.00401	<0.00200
SW92	02/12/2025	0-7	18.6	<50.3	<0.00398	<0.00199
SS515	02/12/2025	4.0	80.3	<49.9	<0.00398	<0.00199
SS525	02/12/2025	5.0	44.3	<49.8	<0.00399	<0.00200
SS535	02/12/2025	5.0	35.8	<49.6	<0.00398	<0.00199
SS547	02/13/2025	7.0	94.2	117	<0.00401	<0.00200
SS560	02/13/2025	7.0	95.1	160	<0.00398	<0.00199
SS577	02/13/2025	7.0	18.3	<50.0	<0.00398	<0.00199
SS613	02/13/2025	7.0	17.4	<49.8	<0.00399	<0.00200
SS660	02/13/2025	7.0	109	186	<0.00398	<0.00199
SS669	02/13/2025	7.0	17.4	<49.9	<0.00401	<0.00200
SS653	02/13/2025	7.0	101	142	<0.00398	<0.00199
SS731	02/13/2025	7.0	21.8	<50.3	0.00544	<0.00199
SS718	02/13/2025	7.0	16.3	<49.8	<0.00399	<0.00200
SS712	02/13/2025	7.0	106	144	<0.00398	<0.00199
SS681	02/13/2025	7.0	107	151	<0.00401	<0.00200
SS672	02/13/2025	7.0	16.7	<50.3	0.0110	<0.00199
SS565	02/13/2025	7.0	102	204	<0.00398	<0.00199
SS543	02/13/2025	7.0	17.0	<50.0	0.00868	<0.00200
SS200	02/14/2025	2.0	17.8	<49.9	<0.00399	<0.00200
SS201	02/14/2025	2.0	96.7	135	<0.00398	<0.00199
SS02	02/14/2025	0-0.5	32,400	<49.7	<0.00399	<0.00200
SS07	02/14/2025	0-0.5	78,300	1,030	18.0	0.0130



TABLE 1
SOIL ANALYTICAL RESULTS
CLOSE ENCOUNTERS STATE COM #301H
LEA COUNTY, NEW MEXICO
LARIO OIL GAS CO

Sample ID	Date Sampled	Depth (feet bgs)	Chloride (mg/kg)	TPH ⁽³⁾ (mg/kg)	BTEX (mg/kg)	Benzene (mg/kg)
NMOCD Table I Soil Standard (mg/kg)⁽¹⁾			600	100	50	10
SS10	02/14/2025	0-0.5	30,600	<49.8	1.61	<0.00199
SS15	02/14/2025	0-0.5	9,130	<49.9	0.0190	<0.00199
SS38	02/14/2025	0-0.5	34,000	4,980	<0.00399	<0.00200
SS43	02/14/2025	0-0.5	8,250	104	<0.00401	<0.00200
SS569	02/14/2025	7.0	35.4	<50.0	<0.00398	<0.00199
SS568	02/14/2025	7.0	100	141	<0.00398	<0.00199
SS567	02/14/2025	7.0	93.0	118	<0.00399	<0.00200
SS570	02/14/2025	7.0	62.9	78.6	<0.00398	<0.00199
SS576	02/14/2025	7.0	30.7	155	<0.00398	<0.00199
SS572	02/14/2025	7.0	94.1	133	<0.00401	<0.00200
SS571	02/14/2025	7.0	17.5	<49.9	<0.00398	<0.00199
SS573	02/14/2025	7.0	33.8	<50.0	<0.00398	<0.00199
SS578	02/14/2025	7.0	37.0	<49.7	<0.00399	<0.00200
SS581	02/14/2025	7.0	33.7	<49.8	<0.00398	<0.00199
SS579	02/14/2025	7.0	50.2	<50.0	<0.00398	<0.00199
SW01	02/18/2025	0-2	2,240	116	<0.00401	<0.00200
SW02	02/18/2025	0-2	122	151	<0.00398	<0.00199
SW03	02/18/2025	0-2	125	73.7	<0.00398	<0.00199
SW04	02/18/2025	0-2	112	86.8	<0.00399	<0.00200
SW05	02/18/2025	0-2	210	121	<0.00398	<0.00199
SW06	02/18/2025	0-2	3,060	2,160	0.0759	<0.00199
SW07	02/18/2025	0-2	2,720	642	0.0245	<0.00200
SW09	02/18/2025	0-2	3,030	613	<0.00397	<0.00198
SW10	02/18/2025	0-2	2,780	639	0.0101	<0.00200
SW12	02/18/2025	0-2	353	<49.9	0.0145	<0.00200
SW13	02/18/2025	0-2	737	<50.0	<0.00398	<0.00199
SW14	02/18/2025	0-2	21,400	442	<0.00398	<0.00199



TABLE 1
SOIL ANALYTICAL RESULTS
CLOSE ENCOUNTERS STATE COM #301H
LEA COUNTY, NEW MEXICO
LARIO OIL GAS CO

Sample ID	Date Sampled	Depth (feet bgs)	Chloride (mg/kg)	TPH ⁽³⁾ (mg/kg)	BTEX (mg/kg)	Benzene (mg/kg)
NMOCD Table I Soil Standard (mg/kg)⁽¹⁾			600	100	50	10
SW15	02/18/2025	0-2	3,160	123	0.0109	<0.00200
SW16	02/18/2025	0-2	3,620	121	<0.00401	<0.00200
SS345	02/18/2025	2.0	36.0	<50.0	<0.00398	<0.00199
SS348	02/18/2025	2.0	30.3	<49.7	<0.00398	<0.00199
SS346	02/18/2025	2.0	30.2	<49.7	<0.00399	<0.00200
SS347	02/18/2025	2.0	31.8	<49.8	<0.00402	<0.00201
SS304	02/18/2025	2.0	47.7	<49.8	<0.00401	<0.00200
SS02	02/19/2025	2.0	262	<49.7	<0.00401	<0.00200
SS06	02/19/2025	2.0	185	<49.8	<0.00398	<0.00199
SS375	02/19/2025	2.0	712	<49.8	<0.00398	<0.00199
SS03	02/19/2025	2.0	375	<49.9	<0.00399	<0.00200
SS08	02/19/2025	2.0	219	<50.0	<0.00398	<0.00199
SS09	02/19/2025	2.0	172	<50.0	<0.00398	<0.00199
SS12	02/19/2025	2.0	133	<49.8	<0.00399	<0.00200
SS13	02/19/2025	2.0	160	<49.8	<0.00397	<0.00198
SS07	02/19/2025	2.0	227	<49.9	<0.00399	<0.00200
SS369	02/19/2025	2.0	854	4.9	<0.00401	<0.00200
SS374	02/19/2025	2.0	718	<50.0	<0.00398	<0.00199
SS377	02/19/2025	2.0	234	<49.9	<0.00398	<0.00199
SS378	02/19/2025	2.0	310	<49.8	<0.00399	<0.00200
SS388	02/19/2025	2.0	366	<49.7	<0.00401	<0.00200
SS389	02/19/2025	2.0	269	<50.0	<0.00398	<0.00199
SS392	02/19/2025	2.0	94.0	<49.8	<0.00398	<0.00199
SS386	02/19/2025	2.0	616	<49.8	<0.00399	<0.00200
SS383	02/19/2025	2.0	46.4	<50.0	<0.00402	<0.00201
SS403	02/19/2025	2.0	47.6	<49.9	<0.00401	<0.00200
SS404	02/19/2025	2.0	87.2	<49.8	<0.00402	<0.00201



TABLE 1
SOIL ANALYTICAL RESULTS
CLOSE ENCOUNTERS STATE COM #301H
LEA COUNTY, NEW MEXICO
LARIO OIL GAS CO

Sample ID	Date Sampled	Depth (feet bgs)	Chloride (mg/kg)	TPH ⁽³⁾ (mg/kg)	BTEX (mg/kg)	Benzene (mg/kg)
NMOCD Table I Soil Standard (mg/kg)⁽¹⁾			600	100	50	10
SS407	02/19/2025	2.0	242	<49.9	<0.00401	<0.00200
SS370	02/19/2025	2.0	147	<50.0	<0.00398	<0.00199
SS381	02/19/2025	2.0	415	<49.7	<0.00398	<0.00199
SS382	02/19/2025	2.0	375	55.9	<0.00399	<0.00200
SS401	02/19/2025	2.0	170	<50.0	<0.00398	<0.00199
SS402	02/19/2025	2.0	160	<49.7	<0.00398	<0.00199
SS414	02/19/2025	2.0	268	<50.0	<0.00399	<0.00200
SS417	02/19/2025	2.0	209	<50.0	<0.00397	<0.00198
SS10	02/19/2025	2.0	113	<49.7	<0.00399	<0.00200
SS11	02/19/2025	2.0	83.3	<49.8	<0.00401	<0.00200
SS14	02/19/2025	2.0	42.3	<49.9	<0.00398	<0.00199
SS15	02/19/2025	2.0	61.9	<50.0	<0.00398	<0.00199
SS256	02/19/2025	2.0	68.0	<49.8	<0.00399	<0.00200
SS254	02/19/2025	2.0	166	<49.8	<0.00401	<0.00200
SS258	02/19/2025	2.0	78.2	<49.9	<0.00398	<0.00199
SS268	02/19/2025	2.0	71.0	<50.0	<0.00398	<0.00199
SS273	02/19/2025	2.0	169	<49.7	<0.00399	<0.00200
SS269	02/19/2025	2.0	71.7	<49.8	<0.00402	<0.00201
SS315	02/19/2025	2.0	165	51.3	<0.00401	<0.00200
SS314	02/19/2025	2.0	162	49.7	<0.00402	<0.00201
SS31	02/21/2025	2.0	52.4	<49.9	<0.00401	<0.00200
SS34	02/21/2025	2.0	29.2	<50.0	<0.00398	<0.00199
SS35	02/21/2025	2.0	148	<49.9	<0.00398	<0.00199
SS36	02/21/2025	2.0	114	<49.9	<0.00399	<0.00200
SS37	02/21/2025	2.0	270	<49.7	<0.00398	<0.00199
SS33	02/21/2025	2.0	201	<49.8	<0.00401	<0.00200
SS38	02/21/2025	2.0	171	<49.8	<0.00398	<0.00199

TABLE 1
SOIL ANALYTICAL RESULTS
CLOSE ENCOUNTERS STATE COM #301H
LEA COUNTY, NEW MEXICO
LARIO OIL GAS CO

Sample ID	Date Sampled	Depth (feet bgs)	Chloride (mg/kg)	TPH ⁽³⁾ (mg/kg)	BTEX (mg/kg)	Benzene (mg/kg)
NMOCD Table I Soil Standard (mg/kg)⁽¹⁾			600	100	50	10
SS39	02/21/2025	2.0	167	<49.9	<0.00398	<0.00199
SS42	02/21/2025	2.0	101	<49.9	<0.00399	<0.00200
SS43	02/21/2025	2.0	102	<49.8	<0.00398	<0.00199
SS53	02/21/2025	2.0	312	60.6	<0.00401	<0.00200
SS116	02/21/2025	2.0	403	<50.0	0.0105	<0.00199
SS120	02/21/2025	2.0	242	<49.9	<0.00398	<0.00199
SS299	02/21/2025	2.0	240	<50.0	<0.00399	<0.00200
SS300	02/21/2025	2.0	244	<50.0	<0.00398	<0.00199
SS264	02/21/2025	3.0	206	<49.7	<0.00401	<0.00200
SS271	02/21/2025	3.0	150	<50.1	<0.00398	<0.00199
SS312	02/21/2025	3.0	214	<49.9	<0.00398	<0.00199
SS323	02/21/2025	3.0	362	<50.0	<0.00399	<0.00200
SS326	02/21/2025	3.0	214	<49.8	<0.00398	<0.00199
SS488	02/21/2025	3.0	114	<49.7	<0.00398	<0.00199
SS155	02/24/2025	2.0	426	<49.8	<0.00400	<0.00200
SS156	02/24/2025	2.0	535	<50.0	<0.00399	<0.00200
SS167	02/24/2025	2.0	364	<49.8	<0.00402	<0.00201
SS168	02/24/2025	2.0	1,720	<49.9	<0.00398	<0.00199
SS397	02/24/2025	2.0	342	67.5	<0.00397	<0.00198
SS157	02/24/2025	2.0	481	<49.8	0.0259	<0.00202
SS409	02/24/2025	2.0	65.2	<49.7	<0.00402	<0.00201
SS406	02/24/2025	2.0	54.1	<49.9	<0.00400	<0.00200
SS394	02/24/2025	2.0	345	<49.8	<0.00399	<0.00200
SS376	02/24/2025	2.0	566	<49.9	<0.00404	<0.00202
SS391	02/24/2025	2.0	81.0	<49.7	<0.00402	<0.00201
SS422	02/24/2025	2.0	336	153	<0.00398	<0.00199
SS425	02/24/2025	2.0	251	56.9	<0.00396	<0.00198



TABLE 1
SOIL ANALYTICAL RESULTS
CLOSE ENCOUNTERS STATE COM #301H
LEA COUNTY, NEW MEXICO
LARIO OIL GAS CO

Sample ID	Date Sampled	Depth (feet bgs)	Chloride (mg/kg)	TPH ⁽³⁾ (mg/kg)	BTEX (mg/kg)	Benzene (mg/kg)
NMOCD Table I Soil Standard (mg/kg)⁽¹⁾			600	100	50	10
SS395	02/24/2025	2.0	95.8	67.9	<0.00404	<0.00202
SS278	02/24/2025	3.0	<10.1	<49.9	<0.00398	<0.00199
SS290	02/24/2025	3.0	15.2	<49.9	<0.00398	<0.00199
SS221	02/24/2025	2.0	379	<50.0	<0.00399	<0.00200
SS199	02/24/2025	2.0	556	<49.8	<0.00402	<0.00201
SS436	02/25/2025	2.0	177	<49.9	<0.00398	<0.00199
SS429	02/25/2025	2.0	187	<49.9	<0.00398	<0.00199
SS220	02/25/2025	2.0	366	<50.0	<0.00399	<0.00200
SS428	02/25/2025	2.0	188	<49.8	<0.00399	<0.00200
SS222	02/25/2025	2.0	395	<50.0	<0.00403	<0.00202
SS457	02/25/2025	2.0	98.0	<49.9	<0.00399	<0.00200
SS434	02/25/2025	2.0	270	<49.8	<0.00403	<0.00202
SS460	02/25/2025	2.0	84.0	50.6	<0.00398	<0.00199
SS437	02/25/2025	2.0	203	<49.7	<0.00398	<0.00199
SS438	02/25/2025	2.0	181	78	<0.00399	<0.00200
SS431	02/25/2025	2.0	145	82.9	<0.00402	<0.00201
SS32	02/25/2025	3.0	108	<49.9	<0.00399	<0.00200
SS472	02/25/2025	3.0	183	81.6	<0.00398	<0.00199
SS435	02/25/2025	2.0	214	121	<0.00401	<0.00200
SW10	02/26/2025	0-2	149	<50.0	<0.00398	<0.00199
SW11	02/26/2025	0-2	599	52.9	<0.00398	<0.00199
SW12	02/26/2025	0-2	150	<49.8	<0.00399	<0.00200
SW13	02/26/2025	0-3	22.2	<49.9	<0.00402	<0.00201
SS976	02/26/2025	2.0	202	<49.8	<0.00399	<0.00200
SS977	02/26/2025	2.0	131	<49.8	<0.00402	<0.00201
SS978	02/26/2025	2.0	122	<50.0	<0.00398	<0.00199
SS979	02/26/2025	2.0	310	<49.8	<0.00398	<0.00199



TABLE 1
SOIL ANALYTICAL RESULTS
CLOSE ENCOUNTERS STATE COM #301H
LEA COUNTY, NEW MEXICO
LARIO OIL GAS CO

Sample ID	Date Sampled	Depth (feet bgs)	Chloride (mg/kg)	TPH ⁽³⁾ (mg/kg)	BTEX (mg/kg)	Benzene (mg/kg)
NMOCD Table I Soil Standard (mg/kg)⁽¹⁾			600	100	50	10
SS980	02/26/2025	3.0	36.1	<49.9	<0.00399	<0.00200
SS869	02/26/2025	0-0.5	13.5	52.0	<0.00402	<0.00201
SS878	02/26/2025	2.0	13.7	<50.0	<0.00398	<0.00199
SS858	02/26/2025	2.0	18.2	<49.8	<0.00398	<0.00199
OS25@0.25	02/27/2025	0.25	149	101	0.358	0.0894
OS100@0.25	02/27/2025	0.25	12.2	<49.8	<0.00399	<0.00200
OS200@0.25	02/27/2025	0.25	<9.92	<49.7	<0.00402	<0.00201
OS300@0.25	02/27/2025	0.25	<9.94	<49.8	<0.00399	<0.00200
SS40	02/27/2025	3.0	93.4	<50.0	<0.00398	<0.00199
SS41	02/27/2025	3.0	150	<49.9	<0.00401	<0.00200
SS44	02/27/2025	3.0	104	<49.9	<0.00399	<0.00200
SS45	02/27/2025	3.0	91.3	<49.8	0.0067	<0.00200
SS55	02/27/2025	3.0	38.9	<49.9	<0.00403	<0.00202
SS122	02/27/2025	3.0	158	<49.9	<0.00402	<0.00201
SS125	02/27/2025	3.0	203	<50.0	<0.00399	<0.00200
SS126	02/27/2025	3.0	213	<49.8	<0.00398	<0.00199
SS137	02/27/2025	3.0	133	<49.9	<0.00398	<0.00199
SS123	02/27/2025	3.0	304	<50.0	<0.00396	<0.00198
SS138	02/27/2025	3.0	309	<49.8	<0.00400	<0.00200
SS124	02/27/2025	3.0	204	<49.8	<0.00399	<0.00200
SS127	02/27/2025	3.0	86.6	<49.7	<0.00398	<0.00199
SS128	02/27/2025	3.0	257	<49.9	<0.00398	<0.00199
SS129	02/27/2025	3.0	219	<49.8	<0.00399	<0.00200
SS130	02/27/2025	3.0	112	<49.9	<0.00398	<0.00199
SS133	02/27/2025	3.0	212	<50.0	<0.00398	<0.00199
SS134	02/27/2025	3.0	228	<49.7	<0.00399	<0.00200
SS131	02/27/2025	3.0	50.8	<49.8	<0.00402	<0.00201



TABLE 1
SOIL ANALYTICAL RESULTS
CLOSE ENCOUNTERS STATE COM #301H
LEA COUNTY, NEW MEXICO
LARIO OIL GAS CO

Sample ID	Date Sampled	Depth (feet bgs)	Chloride (mg/kg)	TPH ⁽³⁾ (mg/kg)	BTEX (mg/kg)	Benzene (mg/kg)
NMOCD Table I Soil Standard (mg/kg)⁽¹⁾			600	100	50	10
SS132	02/27/2025	3.0	99.5	<49.9	<0.00399	<0.00200
SS135	02/27/2025	3.0	355	<50.0	<0.00398	<0.00199
SS136	02/27/2025	3.0	216	<49.8	<0.00401	<0.00200
SS144	02/27/2025	3.0	295	<49.8	<0.00399	<0.00200
SS193	02/27/2025	2.0	104	<50.0	<0.00399	<0.00200
SS196	02/27/2025	2.0	101	96.0	<0.00403	<0.00202
SS197	02/27/2025	2.0	107	<49.7	<0.00398	<0.00199
SS206	02/27/2025	2.0	38.5	<49.8	<0.00398	<0.00199
SS209	02/27/2025	2.0	35.2	<49.9	<0.00396	<0.00198
SS210	02/27/2025	2.0	79.7	<50.0	<0.00400	<0.00200
SS208	02/27/2025	2.0	17.1	<49.9	<0.00399	<0.00200
SS211	02/27/2025	2.0	43.0	<49.8	<0.00398	<0.00199
SS212	02/27/2025	2.0	18.9	<49.8	<0.00398	<0.00199
SS873	02/26/2025	0-0.5	62.9	155	<0.00398	<0.00199
SS875	02/26/2025	0-0.5	19.7	87.6	0.0086	<0.00199
SS871	02/26/2025	0-0.5	25.2	73.1	0.00469	<0.00200
SS879	02/26/2025	2.0	14.5	71.5	<0.00402	<0.00201
SS881	02/26/2025	2.0	81.9	<50.0	<0.00399	<0.00200
SS856	02/26/2025	2.0	75.6	66.0	<0.00398	<0.00199
SS56	02/27/2025	3.0	100	<50.1	<0.00398	<0.00199
SS59	02/27/2025	3.0	214	<49.9	<0.00398	<0.00199
SS139	02/27/2025	3.0	238	<50.2	<0.00399	<0.00200
SS60	02/27/2025	3.0	224	<50.4	<0.00402	<0.00201
SS140	02/27/2025	3.0	97.7	<49.9	<0.00399	<0.00200
SS142	02/27/2025	3.0	236	<49.6	<0.00398	<0.00199
SS141	02/27/2025	3.0	323	<50.0	<0.00401	<0.00200
SS143	02/27/2025	3.0	400	<50.5	<0.00399	<0.00200



TABLE 1
SOIL ANALYTICAL RESULTS
CLOSE ENCOUNTERS STATE COM #301H
LEA COUNTY, NEW MEXICO
LARIO OIL GAS CO

Sample ID	Date Sampled	Depth (feet bgs)	Chloride (mg/kg)	TPH ⁽³⁾ (mg/kg)	BTEX (mg/kg)	Benzene (mg/kg)
NMOCD Table I Soil Standard (mg/kg)⁽¹⁾			600	100	50	10
SS911	02/28/2025	2.0	79.5	<50.0	<0.00399	<0.00200
SS935	02/28/2025	2.0	72.6	71.6	<0.00403	<0.00202
SS892	02/28/2025	2.0	532	1,010	<0.00402	<0.00201
SS235	02/28/2025	2.0	<10.1	<50.3	0.00978	<0.00200
SS241	02/28/2025	2.0	17.6	<50.1	<0.00398	<0.00199
SS232	02/28/2025	2.0	36.9	<49.7	<0.00398	<0.00199
SS233	02/28/2025	2.0	27.2	<49.9	<0.00396	<0.00198
SS240	02/28/2025	2.0	69.3	68.4	<0.00400	<0.00200
SS243	02/28/2025	2.0	30.8	61.5	0.00526	<0.00200
SS445	02/28/2025	2.0	22.1	<50.1	<0.00398	<0.00199
SS447	02/28/2025	2.0	10.0	<50.1	<0.00398	<0.00199
SS242	02/28/2025	2.0	69.6	<50.5	<0.00399	<0.00200
SS234	02/28/2025	2.0	36.1	<50.4	<0.00398	<0.00199
SS444	02/28/2025	2.0	<9.98	<50.5	<0.00398	<0.00199
SS446	02/28/2025	2.0	64.8	<50.3	<0.00399	<0.00200
SS450	02/28/2025	2.0	217	93.4	<0.00402	<0.00201
SS453	02/28/2025	2.0	150	132	<0.00399	<0.00200
SS455	02/28/2025	2.0	201	78.7	<0.00398	<0.00199
SS483	03/03/2025	2.0	61.9	<49.8	<0.0198	<0.00992
SS471	03/03/2025	2.0	50.4	<49.8	<0.00402	<0.00201
SS468	03/03/2025	2.0	129	<49.9	<0.00400	<0.00200
SS487	03/03/2025	2.0	314	<49.8	<0.00398	<0.00199
SS452	03/03/2025	2.0	198	<49.7	<0.00396	<0.00198
SS448	03/03/2025	2.0	13.3	<50.0	<0.00404	<0.00202
SS451	03/03/2025	2.0	138	54.9	<0.00402	<0.00201
SS486	03/03/2025	2.0	341	<50.0	<0.00397	<0.00198
SS482	03/03/2025	2.0	45.2	<49.8	<0.00403	<0.00202

TABLE 1
SOIL ANALYTICAL RESULTS
CLOSE ENCOUNTERS STATE COM #301H
LEA COUNTY, NEW MEXICO
LARIO OIL GAS CO

Sample ID	Date Sampled	Depth (feet bgs)	Chloride (mg/kg)	TPH ⁽³⁾ (mg/kg)	BTEX (mg/kg)	Benzene (mg/kg)
NMOCD Table I Soil Standard (mg/kg)⁽¹⁾			600	100	50	10
SS456	03/03/2025	2.0	17.4	<50.0	<0.00399	<0.00200
SS454	03/03/2025	2.0	182	<49.7	<0.00402	<0.00201
SS470	03/03/2025	2.0	75.9	<50.0	<0.00401	<0.00200
SS469	03/03/2025	2.0	99.9	<50.0	<0.00399	<0.00200
SW16	03/03/2025	0-3	22.6	<49.9	<0.00404	<0.00202
SW14	03/03/2025	0-3	18.8	<49.8	<0.00404	<0.00202
SW15	03/03/2025	0-3	20.0	<49.9	<0.00398	<0.00199
SW14B	03/03/2025	0-3	20.6	<49.8	<0.00399	<0.00200
SS981	03/03/2025	3.0	77.3	<50.0	<0.00404	<0.00202
SS982	03/03/2025	3.0	33.9	<50.0	<0.00404	<0.00202
SS983	03/03/2025	3.0	46.3	<49.9	<0.00398	<0.00199
SW08	03/03/2025	0-2	84.5	<49.9	<0.00398	<0.00199
SW09	03/03/2025	0-2	99.6	<49.7	<0.00396	<0.00198
SS985	03/03/2025	2.0	41.0	<50.0	<0.00404	<0.00202
SS986	03/03/2025	2.0	44.8	<49.8	<0.00402	<0.00201
SS987	03/03/2025	2.0	37.5	<49.8	<0.00397	<0.00198
SS855	02/26/2025	2.0	11.2	50.5	<0.00396	<0.00198
SS862	02/26/2025	2.0	<9.94	<49.7	<0.00402	<0.00201
SS866	02/26/2025	2.0	10.0	55.1	<0.00400	<0.00200
SS870	02/26/2025	0-0.5	43.0	147	<0.00399	<0.00200
SS872	02/26/2025	0-0.5	17.2	51.3	<0.00404	<0.00202
SS874	02/26/2025	0-0.5	11.4	<50.0	<0.00404	<0.00202
SS876	02/26/2025	2.0	14.3	<50.0	<0.00398	<0.00199
SS877	02/26/2025	2.0	346	964	<0.00397	<0.00198
SS880	02/26/2025	2.0	116	123	<0.00400	<0.00200



TABLE 1
SOIL ANALYTICAL RESULTS
CLOSE ENCOUNTERS STATE COM #301H
LEA COUNTY, NEW MEXICO
LARIO OIL GAS CO

Sample ID	Date Sampled	Depth (feet bgs)	Chloride (mg/kg)	TPH ⁽³⁾ (mg/kg)	BTEX (mg/kg)	Benzene (mg/kg)
NMOCD Table I Soil Standard (mg/kg)⁽¹⁾			600	100	50	10

Notes:

1. Reclamation standard for the top 4 feet of soil per 19.15.29.13(D)(1) NMAC, Table I, Depth to ground water 0-50 ft

2. Closure criteria for soil deeper than 4 feet per 19.15.29.12(C)(4) NMAC, Table I, Depth to ground water >100 ft

3. TPH - total volatile and extractable hydrocarbons. Value calculated by adding GRO, DRO and MRO concentrations

Yellow highlight = soil represented by soil sample has been excavated and removed for offsite disposal

Gray highlight = soil samples collected at least 50 feet from any previous oil & gas activity to evaluate natural chloride concentrations in the area

BOLD = Result above applicable standard

NMOCD = New Mexico Oil Conservation Division

(<) = Analytical result is less than the indicated laboratory reporting limit

GRO = Total petroleum hydrocarbons - gasoline range organics

DRO = Total petroleum hydrocarbons - diesel range organics

MRO = Total petroleum hydrocarbons - motor oil/lube range organics

BTEX = Benzene, toluene, ethylbenzene, and total xylenes

ppm = parts per million

mg/kg = Milligrams per kilogram

bgs = Below ground surface

NE = Not established

VOC = volatile organic compounds



ATTACHMENT A

Correspondence

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 411274

QUESTIONS

Operator: LARIO OIL & GAS CO 301 S. Market St. Wichita, KS 67202	OGRID: 13089
	Action Number: 411274
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source <i>Please answer all the questions in this group.</i>	
Site Name	Close Encounters State Com 301H
Date Release Discovered	12/12/2024
Surface Owner	State

Incident Details <i>Please answer all the questions in this group.</i>	
Incident Type	Blow Out
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release <i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Blow Out Well Crude Oil Released: 0 BBL (Unknown Released Amount) Recovered: 0 BBL Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Blow Out Well Produced Water Released: 0 BBL (Unknown Released Amount) Recovered: 0 BBL Lost: 0 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Cause: Blow Out Well Natural Gas Vented Released: 0 Mcf (Unknown Released Amount) Recovered: 0 Mcf Lost: 0 Mcf.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 2

Action 411274

QUESTIONS (continued)

Operator: LARIO OIL & GAS CO 301 S. Market St. Wichita, KS 67202	OGRID: 13089
	Action Number: 411274
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more; (3) an unauthorized release of gases exceeding 500 MCF.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	False
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	False
If all the actions described above have not been undertaken, explain why	During coiled tubing rig up operations, the BOP fell from the forklift striking the well head casing valve. Damage to the casing valve resulted in a loss of well control and a release. Wild Well Control is on-site to regain well control and stop the release. Additional details will be provided in subsequent reports.

Per Paragraph 4 of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 411274

ACKNOWLEDGMENTS

Operator: LARIO OIL & GAS CO 301 S. Market St. Wichita, KS 67202	OGRID: 13089
	Action Number: 411274
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

☒	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
☒	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
☒	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
☒	I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment.
☒	I acknowledge the fact that the acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment.
☒	I acknowledge the fact that, in addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 411274

CONDITIONS

Operator: LARIO OIL & GAS CO 301 S. Market St. Wichita, KS 67202	OGRID: 13089
	Action Number: 411274
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
ryanb	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	12/13/2024

Michael Wicker

From: OCDOnline@state.nm.us
Sent: Friday, December 13, 2024 10:37 AM
To: ryanb@lario.net
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 411274

**** EXTERNAL EMAIL - Please use caution. **DO NOT** open attachments or links from unknown parties.

To whom it may concern (c/o Ryan Bruner for LARIO OIL & GAS CO),

The OCD has accepted the submitted *Notification of a release* (NOR), for incident ID (n#) nAPP2434838184,
with the following conditions:

- **When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.**

Please reference nAPP2434838184, on all subsequent C-141 submissions and communications regarding the remediation of this release.

NOTE: As of December 2019, NMOCD has discontinued the use of the “RP” number.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

ocd.enviro@state.nm.us

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: [NM State Land Office](#)
To: ryanb@lario.net
Subject: Submission Confirmation
Date: Friday, December 13, 2024 10:42:19 AM

You don't often get email from mailservices@sk.com. [Learn why this is important](#)

**** EXTERNAL EMAIL - Please use caution. **DO NOT** open attachments or links from unknown parties. ****

Check here if
this incident
needs urgent
attention: ☐ Unchecked

Check here if
you have
reported this
incident to
law
enforcement: ☐ Unchecked

Check here if
you are self-
reporting: ☐ Checked

Check here if
it is OK to
call you to
follow up on
this incident: ☐ Checked

Check here if
you would
like this
report to be
anonymous: ☐ Unchecked

Is the incident
on state trust
land?: ☐ Yes

Name: Ryan Bruner

Phone
Number: 303-552-6763

Your Email: ryanb@lario.net

Describe the
location of
the incident. Close Encounters State Com 301H Well Pad, 30-025-52945
Be as specific
as possible.:

Latitude: 32.7411663

Longitude: -103.5160382

Section,
Township, S13, T18S R34E
Range:

County: Lea

Description of Incident : During coiled tubing rig up operations, the BOP fell from the forklift striking the well head casing valve. Damage to the casing valve resulted in a loss of well control and a release. Wild Well Control is on-site to regain well control and stop the release. Additional details will be provided in subsequent reports. NMOCD has been notified of the incident.

Type of Incident: Oil Spill, Produced Water Spill

Company or Individual Being Reported (If Known): Lario Oil & Gas Company

Date/Time of Incident (If Known): 12/12/24 12:28PM

RELEASE VOLUME ESTIMATION

Lario Oil & Gas Co (OGRID #83338)
Close Encounters State Com #301H
32.7411663,-103.5160382 NAD83
N-13-18S-34E
API #30-025-52945
NMSLO Lease ID #VC06370003
NMOCD Incident #nAPP2434838184

The event began on 12/12/24 at approximately 12:30 MST and the well was back under control on 12/15/24 at approximately 11:34 MST. Recovered volumes based on the calculations from the trucking companies (number of loads hauled X 100 - 110 bbls /load) and the disposal site loads received. The percentages are estimates. Due to the rapid response time, most of the fluids were captured on or immediately adjacent to the pad via containments that were constructed.

- Total Fluid Volumes - ~19,000 bbls
- Estimated Hydrocarbons (oil) - 65% or 12,350 bbls
- Water Volumes (Includes both produced and fresh water from the frac) - 6,650 bbls
- Gas Volumes (Based on the type curves from area 3rd BS wells) - 613.33 cu.ft / bbl X 12,350 bbls of oil = 7,574 Mcf or 7.574 MMcf

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 413755

QUESTIONS

Operator: LARIO OIL & GAS CO 301 S. Market St. Wichita, KS 67202	OGRID: 13089
	Action Number: 413755
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2434838184
Incident Name	NAPP2434838184 CLOSE ENCOUNTERS STATE COM 301H @ 30-025-52945
Incident Type	Blow Out
Incident Status	Initial C-141 Received
Incident Well	[30-025-52945] CLOSE ENCOUNTERS STATE COM #301H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Close Encounters State Com 301H
Date Release Discovered	12/12/2024
Surface Owner	State

Incident Details	
Please answer all the questions in this group.	
Incident Type	Blow Out
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Blow Out Well Crude Oil Released: 0 BBL (Unknown Released Amount) Recovered: 12,350 BBL Lost: -12,350 BBL.
Produced Water Released (bbls) Details	Cause: Blow Out Well Produced Water Released: 0 BBL (Unknown Released Amount) Recovered: 6,650 BBL Lost: -6,650 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Cause: Blow Out Well Natural Gas Vented Released: 7,574 Mcf Recovered: 0 Mcf Lost: 7,574 Mcf.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	During coiled tubing rig up operations, the BOP fell from the forklift striking the well head casing valve. Damage to the casing valve resulted in a loss of well control and a release. Wild Well Control was on-site to regain well control and stop the release. The well was under control and the release stopped on 12/15/24 at approximately 11:34 MST.

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 2

Action 413755

QUESTIONS (continued)

Operator: LARIO OIL & GAS CO 301 S. Market St. Wichita, KS 67202	OGRID: 13089
	Action Number: 413755
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more; (3) an unauthorized release of gases exceeding 500 MCF; (?) reported amounts release resulting in negative volume.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Michael Wicker Title: Project Manager Email: mwicker@cdhconsult.com Date: 12/27/2024
--	---

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 3

Action 413755

QUESTIONS (continued)

Operator: LARIO OIL & GAS CO 301 S. Market St. Wichita, KS 67202	OGRID: 13089
	Action Number: 413755
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1000 (ft.) and ½ (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 500 and 1000 (ft.)
Any other fresh water well or spring	Between 500 and 1000 (ft.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Zero feet, overlying, or within area
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	No
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 413755

CONDITIONS

Operator: LARIO OIL & GAS CO 301 S. Market St. Wichita, KS 67202	OGRID: 13089
	Action Number: 413755
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
bhall	Initial C-141 approved. Remediation plan and/or remediation closure report due 90 days after date of discovery.	12/27/2024
bhall	Be advised that the site characterization data is not approved as there are no attachments provided. Additionally, pursuant to 19.15.29.11 B. NMAC "Unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation." A remediation plan must be submitted with the site characterization information. Please update this section of the C-141 when the remediation plan and/or remediation closure report is submitted.	12/27/2024

From: [Bratcher, Michael, EMNRD](#)
To: [Michael Wicker](#)
Subject: RE: [EXTERNAL] Lario Oil & Gas Co (OGRID #83338) - Close Encounters State Com #301H (nAPP2434838184) - Variance Request
Date: Thursday, December 19, 2024 1:34:33 PM
Attachments: [image002.png](#)
[image003.png](#)

Michael,

Lario is approved to obtain confirmation floor samples representative of no more than 400 square feet and sidewall samples representative of no more than 200 square feet, however, collection of confirmation samples requires two business days' notice (C-141N) prior to collection. If you are obtaining those samples today, be advised that the required notice has not been provided and those samples obtained without notification may not be accepted.

Include a copy of all correspondence in future submittals.

Mike Bratcher

Incident Supervisor
Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave | Artesia, NM 88210
(575) 626-0857 |
mike.bratcher@emnrd.nm.gov
<http://www.emnrd.nm.gov/ocd>

From: Michael Wicker <mwicker@cdhconsult.com>
Sent: Thursday, December 19, 2024 9:30 AM
To: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: [EXTERNAL] Lario Oil & Gas Co (OGRID #83338) - Close Encounters State Com #301H (nAPP2434838184) - Variance Request

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good Morning, Mike,

Earlier this week we discussed (via phone call) collecting confirmation soil samples at a frequency of every 400 square feet for floor samples and every 200 square feet for sidewall samples due to the footprint of the release (~390,000 square feet). Your guidance was to propose the 400 square-foot sampling frequency for floor samples in the Remediation Plan; however, the OCD Permitting website give an error message when you select "yes" for "Requesting a remediation plan approval with this submission" and also select "No" for "Have the lateral and vertical extents of contamination been fully delineated"

The screenshot shows a web form titled "Remediation Plan". Below the title is a instruction: "Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date." There is a question: "Requesting a remediation plan approval with this submission" with a "Yes" button selected. To the right of the question are "Clear" and "Reset" buttons. Below the question is a yellow error message box that says: "Correction: Remediation Plan cannot be submitted if the extent of contamination has not been fully delineated." At the bottom of the form, there is a text area with the instruction: "Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19-15-20-11 NMAC and 19-15-20-13 NMAC."

Variance Request

The release extent has been mapped based on visual impacts and we plan to begin collecting confirmation soil samples today on the pad following initial release response efforts. We have setup a GIS layer in Field Maps that created 975 sample areas (400 square feet each) within the release extent area. Can you approve of the 400 square-foot sampling frequency for floor samples via email? While we are early in this cleanup process we want to ensure we are efficiently working towards closure and hope to have some assurance we wont need to increase the sampling frequency.

Thank you!
Michael

Lario Oil & Gas Co (OGRID #83338)
Close Encounters State Com #301H
32.7411663,-103.5160382 NAD83
N-13-18S-34E
API #30-025-52945
NMSLO Lease ID #VC06370003
OCD Incident # nAPP2434838184

Michael A. Wicker, P.G.
Senior Geologist
CDH Consulting, LLC
616.970.8459
mwicker@CDHconsult.com



www.CDHconsult.com

From: [Hall, Brittany, EMNRD](#)
To: [Michael Wicker](#)
Cc: [Ryan Bruner](#); [Bratcher, Michael, EMNRD](#)
Subject: RE: [EXTERNAL] Lario - Close Encounters State Com #301H (nAPP2434838184) - Variance Request
Date: Monday, January 13, 2025 1:45:59 PM
Attachments: [image001.png](#)

Hi Michael,

The variance request for weekly sampling notifications that summarize the days, times, estimated square footage, and number of samples to be collected for the week is approved.

Please include a copy of this correspondence in the next submittal.

Thank you,

Brittany Hall ● Environmental Specialist
Environmental Bureau Projects Group
EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87110
505.517.5333 | Brittany.Hall@emnrd.nm.gov
<http://www.emnrd.nm.gov/ocd/>

Effective 12/1/2024: OCD has updated guidance on karst potential occurrence zones. This notice can be found at: <https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/> under “2024 OCD ANNOUNCEMENTS AND NOTIFICATIONS”.

The Digital C-141 guidance documents can be found at <https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/> or <https://www.emnrd.nm.gov/ocd/ocd-forms/>.

From: Michael Wicker <mwicker@cdhconsult.com>
Sent: Monday, January 13, 2025 12:49 PM
To: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Cc: Ryan Bruner <Ryanb@lario.net>
Subject: [EXTERNAL] Lario - Close Encounters State Com #301H (nAPP2434838184) - Variance Request

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Hi Brittany,

Per 19.15.29.14, Lario is requesting variance from 19.15.29.12.D(1)(a), requiring the responsible party notify the appropriate division district office two business days prior to conducting final sampling. Due to the volume of samples required to be collected (over 1,000), delineation/remediation will take several months to complete at the Close Encounters

State Com #301H release (nAPP2434838184).

Lario is requesting the OCD accept weekly sampling notifications that summarize the days, times, estimated square footage, and number of samples to be collected for the week. This variance would give the OCD the same opportunity to observe the collection of confirmation soil samples as 19.15.29.12.D(1)(a) which provides “equal or better protection of fresh water, public health and the environment” but would save the OCD and Lario the time of submitting these notifications daily.

OCD approval of this variance will be shared with the SLO. Weekly sampling notifications will be forwarded to the SLO.

Thank you!
Michael

Michael A. Wicker, P.G.
Senior Geologist
CDH Consulting, LLC
616.970.8459
mwicker@CDHconsult.com



www.CDHconsult.com

Michael Wicker

From: Knight, Tami C. <tknight@nmslo.gov>
Sent: Thursday, January 30, 2025 11:19 AM
To: Michael Wicker
Cc: Ryan Bruner; Chris Delhierro
Subject: RE: (Meeting Follow-Up) Lario-Close Encounters State Com #301H (API # 30-025-52945/nAPP2434838184) - 12-12-2024

Follow Up Flag: Follow up
Flag Status: Flagged

Hello

Thank you for the summary. If remediation closure will not be completed within the NMOCD 90 day closure window then we do need the written remediation workplan.

Delineation while you are conducting the remediation excavation is acceptable. I'm not clear on what you are referencing in your last bullet regarding a site delineation plan.



Tami C. Knight, CHMM
Environmental Specialist
NMSLO Environmental Compliance Office
505.670-1638
tknight@nmslo.gov



CONFIDENTIALITY NOTICE - This e-mail transmission, including all documents, files, or previous e-mail messages attached hereto, may contain confidential and/or legally privileged information. If you are not the intended recipient, or a person responsible for delivering it to the intended recipient, you are hereby notified that you must not read this transmission and that any disclosure, copying, printing, distribution, or use of any of the information contained in and/or attached to this transmission is **STRICTLY PROHIBITED**. If you have received this transmission in error, please immediately notify the sender and delete the original transmission and its attachments without reading or saving in any manner. Thank you.

From: Michael Wicker <mwicker@cdhconsult.com>
Sent: Friday, January 10, 2025 3:47 PM
To: Knight, Tami C. <tknight@nmslo.gov>
Cc: Ryan Bruner <Ryanb@lario.net>; Chris Delhierro <chris@cdhconsult.com>
Subject: [EXTERNAL] (Meeting Follow-Up) Lario-Close Encounters State Com #301H (API #30-025-52945/nAPP2434838184) - 12-12-2024

Hi Tami,

We wanted to thank you for taking the time out of your busy schedule to meet with us today. Per our conversation, Lario/CDH will proceed with site characterization/delineation/remediation by completing the following:

- Lario will continue to ensure good communication between Lario legal and Seth's lawyer

- Analytical results will be compared to the most stringent standard to protect the sensitive environment
 - All chloride, TPH, & BTEX exceedances will be removed and hauled offsite for disposal
- One confirmation soil sample will be collected for every 400 square feet
- Within the sensitive environment (Iron House Draw), all TPH detections below the standard (100 mg/kg) will be treated with a microbial amendment prior to backfilling
 - Does NMSLO have a list of approved or recommended products? Even if that list isn't official, we have found that different products perform better in different areas so would like to get your thoughts.
- The area to the northeast of the drilling pad will be investigated in coordination with Seth
 - The area will be photo documented and mapped with a GPS unit
 - Samples will be collected to determine if impacts to the area are present
 - If exceedances are identified and deemed to be surficial from 0" to 2" deep, a microbial amendment will be applied prior to removing the impacted soil and destroying existing plant species/soil stability
 - The area will be maintained appropriately to maximize the microbial amendments effectiveness, including adding moisture, if appropriate based on the amendment selected
 - Follow-up performance sampling to be completed to ensure microbial amendment success
 - Soil will only be excavated if the microbial amendment proves to be unsuccessful after six months of quarterly soil sampling
- 2-Day Sample Notification will be submitted for each day sampling is to be completed
 - Once the NMOCD approves a variance for sample notifications to be submitted on a weekly basis, NMSLO will also receive sample notifications on weekly basis and will deem this notification frequency acceptable
- Lario to submit a Site Characterization/Delineation Plan to the NMOCD/NMSLO to solidify the path forward for all stakeholders
 - The Plan will include all required documents identified in the *Environmental Compliance Office Document Checklist*, including but not limited to:
 - A paragraph stating when ARMS review & survey were completed
 - The cover sheet for the ARMS review & survey
 - Documentation or statement of applicability regarding working in biologically sensitive areas

We truly appreciate your time and guidance and look forward to working with you on this and future projects.

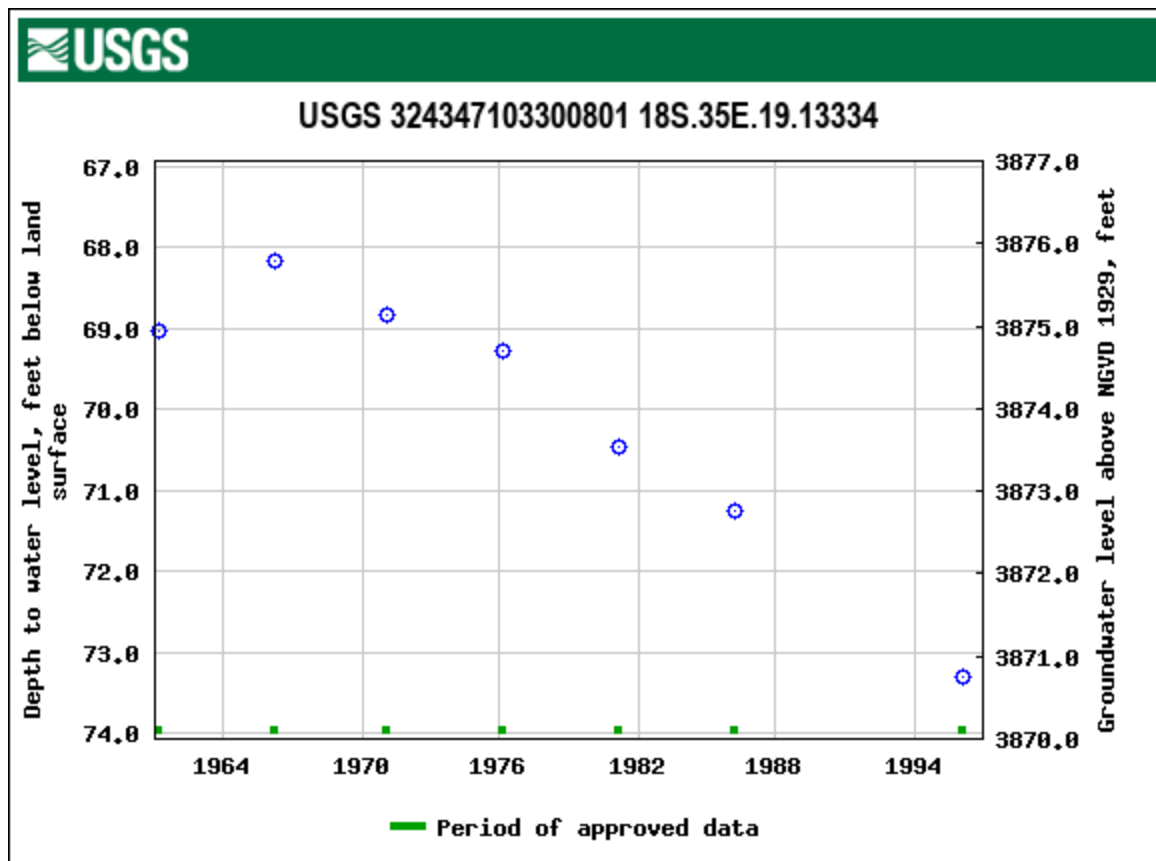
Thank you!
Michael

Michael A. Wicker, P.G.
Senior Geologist
CDH Consulting, LLC
616.970.8459
mwicker@CDHconsult.com



ATTACHMENT B

WATER WELL DOCUMENTATION



Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method
						Groundwater	United States	GO

Click to hideNews Bulletins

- Explore the NEW [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.

Groundwater levels for the Nation

 Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 324347103300801

Minimum number of levels = 1
[Save file of selected sites](#) to local disk for future upload

USGS 324347103300801 18S.35E.19.13334

Lea County, New Mexico
Latitude 32°44'01", Longitude 103°30'17" NAD27
Land-surface elevation 3,944.00 feet above NGVD29
The depth of the well is 107 feet below land surface.
This well is completed in the High Plains aquifer (N100HGHPLN) national aquifer.
This well is completed in the Ogallala Formation (121OGLL) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	Status	Metho meas
1961-03-09		D	62610	3874.96	NGVD29	P	Z	A
1961-03-09		D	62611	3876.54	NAVD88	P	Z	A
1961-03-09		D	72019	69.04		P	Z	A
1966-03-09		D	62610	3875.84	NGVD29	P	Z	A
1966-03-09		D	62611	3877.42	NAVD88	P	Z	A
1966-03-09		D	72019	68.16		P	Z	A
1971-01-20		D	62610	3875.17	NGVD29	P	Z	A
1971-01-20		D	62611	3876.75	NAVD88	P	Z	A
1971-01-20		D	72019	68.83		P	Z	A
1976-02-12		D	62610	3874.72	NGVD29	1	Z	A
1976-02-12		D	62611	3876.30	NAVD88	1	Z	A
1976-02-12		D	72019	69.28		1	Z	A
1981-03-10		D	62610	3873.54	NGVD29	1	Z	A
1981-03-10		D	62611	3875.12	NAVD88	1	Z	A
1981-03-10		D	72019	70.46		1	Z	A
1986-04-01		D	62610	3872.75	NGVD29	1	Z	A
1986-04-01		D	62611	3874.33	NAVD88	1	Z	A
1986-04-01		D	72019	71.25		1	Z	A
1996-02-15		D	62610	3870.70	NGVD29	1	S	A
1996-02-15		D	62611	3872.28	NAVD88	1	S	A
1996-02-15		D	72019	73.30		1	S	A

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Metho measu
Method of measurement			Z	Other.				
Measuring agency				Not determined				
Source of measurement				Not determined				
Water-level approval status			A	Approved for publication -- Processing and review completed.				

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[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

Title: Groundwater for USA: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>



Page Contact Information: [USGS Water Data Support Team](#)

Page Last Modified: 2024-12-19 10:33:38 EST

0.34 0.24 nadww02

WELL RECORD

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the nearest district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1A and Section 5 need be completed.

Section 1

(A) Owner of well Fred Pool Drilling Co.
Street and Number 3106 Lockheed St.
City Midland State Texas
Well was drilled under Permit No. L-3721 and is located in the
1/4 SW 1/4 SW 1/4 of Section 18 Twp. 18 S Rge. 35 E
(B) Drilling Contractor Ed. Burke License No. WD-111
Street and Number Box 306
City Hobbs State New Mexico
Drilling was commenced October 28 1957
Drilling was completed October 28 1957

(Plat of 640 acres)

Elevation at top of casing in feet above sea level _____ Total depth of well 161
State whether well is shallow or artesian Shallow Depth to water upon completion 90

Section 2

PRINCIPAL WATER-BEARING STRATA

No.	Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation
	From	To		
1	90	115	25	Water Sand
2	140	161	21	Sand & Gravel
3				
4				
5				

Section 3

RECORD OF CASING

Dia in.	Pounds ft.	Threads in	Depth		Feet	Type Shoe	Perforations	
			Top	Bottom			From	To
7	23	10	0	157.15	157.15	none	137	157

Section 4

RECORD OF MUDDING AND CEMENTING

Depth in Feet		Diameter Hole in in.	Tons Clay	No. Sacks of Cement	Methods Used
From	To				

1957 NOV 18 AM 9:30
STATE ENGINEER'S OFFICE
SANTA FE, N.M.

Section 5

PLUGGING RECORD

Name of Plugging Contractor _____ License No. _____
Street and Number _____ City _____ State _____
Tons of Clay used _____ Tons of Roughage used _____ Type of roughage _____
Plugging method used _____ Date Plugged _____ 19 _____
Plugging approved by: _____

Cement Plugs were placed as follows:

No.	Depth of Plug		No. of Sacks Used
	From	To	

Basin Supervisor

FOR USE OF STATE ENGINEER ONLY

NOV 8 1957

OFFICE
GROUND WATER SUPERVISOR
ROSWELL, NEW MEXICO

Date Received _____

File No. L-3721 Use O.W.D. Location No. 18.35.18.330

LOG OF WELL

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described well.

Edward B Busk
Well Driller

PLUGGING RECORD Richardson & Bass State

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the nearest district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1A and Section 5 need be completed.

Section 1

(Plat of 640 acres)

(A) Owner of well Fred Pool Drilling Co.
Street and Number 3106 Lockhead St.
City Midland State Texas
Well was drilled under Permit No. L-3721 and is located in the
1/4 SW 1/4 SW 1/4 of Section 18 Twp. 18 S Rge. 35 E
(B) Drilling Contractor _____ License No. _____
Street and Number _____
City _____ State _____
Drilling was commenced _____ 19____
Drilling was completed _____ 19____

Elevation at top of casing in feet above sea level _____ Total depth of well _____
State whether well is shallow or artesian _____ Depth to water upon completion _____

Section 2 PRINCIPAL WATER-BEARING STRATA

No.	Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation
	From	To		
1				
2				
3				
4				
5				

Section 3 RECORD OF CASING

Dia in.	Pounds ft.	Threads in	Depth		Feet	Type Shoe	Perforations	
			Top	Bottom			From	To

Section 4 RECORD OF MUDDING AND CEMENTING

Depth in Feet		Diameter Hole in in.	Tons Clay	No. Sacks of Cement	Methods Used
From	To				

Section 5 PLUGGING RECORD

Name of Plugging Contractor Ed. Burke License No. WD-111
Street and Number Box 306 City Hobbs State New Mexico
Tons of Clay used _____ Tons of Roughage used _____ Type of roughage _____
Plugging method used 4" wet concrete plug placed over rubble filled hole Date Plugged December 3 19 58
Plugging approved by: _____ Cement Plugs were placed as follows:

FOR USE OF STATE ENGINEER ONLY
Date Received DEC 11 1958
OFFICE
GROUND WATER SUPERVISOR
ROSWELL, NEW MEXICO
File No. L-3721 Use D. 20. D. Location No. 18-35-18-330

No.	Depth of Plug		No. of Sacks Used
	From	To	
1	0	4	3

LOG OF WELL

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described well.

Edward B Burke
Well Driller

Released to Imaging: 3/19/2025 10:17:32 AM

Form WR-23

STATE ENGINEER OFFICE

WELL RECORD

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the nearest district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1A and Section 5 need be completed.

Section 1

(Plat of 640 acres)

(A) Owner of well Scharbauer Cattle Co.Street and Number Box 1471City Midland, State TexasWell was drilled under Permit No. L-3888 and is located in the
1/4 SW 1/4 NW 1/4 of Section 19 Twp. 18S Rge. 35E(B) Drilling Contractor O. R. Musslewhite License No. WD99Street and Number Box 56City Hobbs, State New MexicoDrilling was commenced June 6, 1958Drilling was completed June 6, 1958Elevation at top of casing in feet above sea level _____ Total depth of well 107State whether well is shallow or artesian Shallow Depth to water upon completion 70

Section 2

PRINCIPAL WATER-BEARING STRATA

No.	Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation
	From	To		
1	85	105	20	Grey sand, course
2				
3				
4				
5				

Section 3

RECORD OF CASING

Dia in.	Pounds ft.	Threads in	Depth		Feet	Type Shoe	Perforations	
			Top	Bottom			From	To
5 1/2	10	None	0	107	107	None	70	107

Section 4

RECORD OF MUDDING AND CEMENTING

Depth in Feet		Diameter Hole in in.	Tons Clay	No. Sacks of Cement	Methods Used
From	To				

Section 5

PLUGGING RECORD

Name of Plugging Contractor _____ License No. _____

Street and Number _____ City _____ State _____

Tons of Clay used _____ Tons of Roughage used _____ Type of roughage _____

Plugging method used _____ Date Plugged _____ 19 _____

Plugging approved by: _____

Cement Plugs were placed as follows:

No.	Depth of Plug		No. of Sacks Used
	From	To	

FILED Basins Supervisor
FOR USE OF STATE ENGINEER ONLY
JUN 12 1958
OFFICE
GROUND WATER SUPERVISOR
ROSWELL, NEW MEXICO

File No. L-3888Use Stack Water Location No. 18.35.19.130

LOG OF WELL

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described well.

C. R. Musselwhite
Well Driller

Revised June 1972

STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Manzano Oil Owner's Well No. _____
Street or Post Office Address c/o Glenn's Water Well Service, Inc.
City and State Box 692 Tatum, N.M. 88267

Well was drilled under Permit No. L-9767 and is located in the:
a. $\frac{1}{4}$ W¹₂ $\frac{1}{4}$ SW $\frac{1}{4}$ SW of Section 13 Township 18-S. Range 34-E. N.M.P.M.
b. Tract No. _____ of Map No. _____ of the _____
c. Lot No. _____ of Block No. _____ of the _____
Subdivision, recorded in _____ County.
d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in
the _____ Grant.

(B) Drilling Contractor Glenn's Water Well Service License No. WD 421
Address Box 692 Tatum, N.M. 88267
Drilling Began 12/6/85 Completed 12/6/85 Type tools rotary Size of hole 9 7/8 in.
Elevation of land surface or _____ at well is 3934 ft. Total depth of well 182 ft.
Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 96 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			
96	177	81	sand / gravel	120

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To
183'	.142	steel casing			183'		90	183

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
From	To				

Section 5. PLUGGING RECORD

Plugging Contractor _____
Address _____
Plugging Method _____
Date Well Plugged _____
Plugging approved by: _____
State Engineer Representative

No.	Depth in Feet		Cubic Feet of Cement
	Top	Bottom	
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received December 13, 1985 Quad _____ FWL _____ FSL _____
Use OWD Location No. 18.34.13.33321

[illegible]

DEC 13 10 31 AM '05

Cory Selman
Driller

Released to Imaging: 3/19/2025 10:17:32 AM

ATTACHMENT C

Archeological Survey



Stephanie Garcia Richard, Commissioner of Public Lands
State of New Mexico

NMSLO Cultural Resources Cover Sheet Exhibit

NMCRIS Activity Number:

(if applicable)

Exhibit Type (select one)

ARMS Inspection/Review - Summarize the results (select one):

- (A) The entire area of potential effect or project area has been previously surveyed to current standards and **no cultural properties** were found within the survey area.
- (B) The entire area of potential effect or project area has been previously surveyed to current standards and **cultural properties were found** within the survey area.
- (C) The entire area of potential effect or project area has **not** been previously surveyed or **has not been surveyed** to current standards. A complete archaeological survey will be conducted and submitted for review.

Archaeological Survey

Findings:

Negative - No further archaeological review is required.

Positive - Have avoidance and protection measures been devised? Select one:

Comments:

Project Details:

NMSLO Lease Number (if available):

Cultural Resources Consultant:

Project Proponent (Applicant):

Project Title/Description:

Project Location:

County(ies):

PLSS/Section/Township/Range):

For NMSLO Agency Use Only:

NMSLO Lease Number:

Acknowledgment-Only:

Lease Analyst:

Date Exhibit Routed to Cultural Resources Office:

No person may alter the wording of the questions or layout of the cover sheet. The completion of this cover sheet by itself does not authorize anyone to engage in new surface disturbing activity before the review and approvals required by the Cultural Properties Protections Rule.

Form Revised 12 22

ATTACHMENT D

Biological Assessment

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 411274

QUESTIONS

Operator: LARIO OIL & GAS CO 301 S. Market St. Wichita, KS 67202	OGRID: 13089
	Action Number: 411274
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source <i>Please answer all the questions in this group.</i>	
Site Name	Close Encounters State Com 301H
Date Release Discovered	12/12/2024
Surface Owner	State

Incident Details <i>Please answer all the questions in this group.</i>	
Incident Type	Blow Out
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release <i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Blow Out Well Crude Oil Released: 0 BBL (Unknown Released Amount) Recovered: 0 BBL Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Blow Out Well Produced Water Released: 0 BBL (Unknown Released Amount) Recovered: 0 BBL Lost: 0 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Cause: Blow Out Well Natural Gas Vented Released: 0 Mcf (Unknown Released Amount) Recovered: 0 Mcf Lost: 0 Mcf.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 2

Action 411274

QUESTIONS (continued)

Operator: LARIO OIL & GAS CO 301 S. Market St. Wichita, KS 67202	OGRID: 13089
	Action Number: 411274
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more; (3) an unauthorized release of gases exceeding 500 MCF.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	False
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	False
If all the actions described above have not been undertaken, explain why	During coiled tubing rig up operations, the BOP fell from the forklift striking the well head casing valve. Damage to the casing valve resulted in a loss of well control and a release. Wild Well Control is on-site to regain well control and stop the release. Additional details will be provided in subsequent reports.

Per Paragraph 4 of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 411274

ACKNOWLEDGMENTS

Operator: LARIO OIL & GAS CO 301 S. Market St. Wichita, KS 67202	OGRID: 13089
	Action Number: 411274
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

☒	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
☒	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
☒	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
☒	I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment.
☒	I acknowledge the fact that the acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment.
☒	I acknowledge the fact that, in addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 411274

CONDITIONS

Operator: LARIO OIL & GAS CO 301 S. Market St. Wichita, KS 67202	OGRID: 13089
	Action Number: 411274
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
ryanb	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	12/13/2024

Michael Wicker

From: OCDOnline@state.nm.us
Sent: Friday, December 13, 2024 10:37 AM
To: ryanb@lario.net
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 411274

**** EXTERNAL EMAIL - Please use caution. **DO NOT** open attachments or links from unknown parties.

To whom it may concern (c/o Ryan Bruner for LARIO OIL & GAS CO),

The OCD has accepted the submitted *Notification of a release* (NOR), for incident ID (n#) nAPP2434838184,
with the following conditions:

- **When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.**

Please reference nAPP2434838184, on all subsequent C-141 submissions and communications regarding the remediation of this release.

NOTE: As of December 2019, NMOCD has discontinued the use of the “RP” number.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

ocd.enviro@state.nm.us

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: [NM State Land Office](#)
To: ryanb@lario.net
Subject: Submission Confirmation
Date: Friday, December 13, 2024 10:42:19 AM

You don't often get email from mailservices@sk.com. [Learn why this is important](#)

**** EXTERNAL EMAIL - Please use caution. **DO NOT** open attachments or links from unknown parties. ****

Check here if
this incident
needs urgent
attention: Unchecked

Check here if
you have
reported this
incident to
law
enforcement: Unchecked

Check here if
you are self-
reporting: Checked

Check here if
it is OK to
call you to
follow up on
this incident: Checked

Check here if
you would
like this
report to be
anonymous: Unchecked

Is the incident
on state trust
land?: Yes

Name: Ryan Bruner

Phone
Number: 303-552-6763

Your Email: ryanb@lario.net

Describe the
location of
the incident. Close Encounters State Com 301H Well Pad, 30-025-52945
Be as specific
as possible.:

Latitude: 32.7411663

Longitude: -103.5160382

Section,
Township, S13, T18S R34E
Range:

County: Lea

Description of Incident : During coiled tubing rig up operations, the BOP fell from the forklift striking the well head casing valve. Damage to the casing valve resulted in a loss of well control and a release. Wild Well Control is on-site to regain well control and stop the release. Additional details will be provided in subsequent reports. NMOCD has been notified of the incident.

Type of Incident: Oil Spill, Produced Water Spill

Company or Individual Being Reported (If Known): Lario Oil & Gas Company

Date/Time of Incident (If Known): 12/12/24 12:28PM

RELEASE VOLUME ESTIMATION

Lario Oil & Gas Co (OGRID #83338)
Close Encounters State Com #301H
32.7411663,-103.5160382 NAD83
N-13-18S-34E
API #30-025-52945
NMSLO Lease ID #VC06370003
NMOCD Incident #nAPP2434838184

The event began on 12/12/24 at approximately 12:30 MST and the well was back under control on 12/15/24 at approximately 11:34 MST. Recovered volumes based on the calculations from the trucking companies (number of loads hauled X 100 - 110 bbls /load) and the disposal site loads received. The percentages are estimates. Due to the rapid response time, most of the fluids were captured on or immediately adjacent to the pad via containments that were constructed.

- Total Fluid Volumes - ~19,000 bbls
- Estimated Hydrocarbons (oil) - 65% or 12,350 bbls
- Water Volumes (Includes both produced and fresh water from the frac) - 6,650 bbls
- Gas Volumes (Based on the type curves from area 3rd BS wells) - 613.33 cu.ft / bbl X 12,350 bbls of oil = 7,574 Mcf or 7.574 MMcf

Sante Fe Main Office
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 413755

QUESTIONS

Operator: LARIO OIL & GAS CO 301 S. Market St. Wichita, KS 67202	OGRID: 13089
	Action Number: 413755
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2434838184
Incident Name	NAPP2434838184 CLOSE ENCOUNTERS STATE COM 301H @ 30-025-52945
Incident Type	Blow Out
Incident Status	Initial C-141 Received
Incident Well	[30-025-52945] CLOSE ENCOUNTERS STATE COM #301H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Close Encounters State Com 301H
Date Release Discovered	12/12/2024
Surface Owner	State

Incident Details	
Please answer all the questions in this group.	
Incident Type	Blow Out
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Blow Out Well Crude Oil Released: 0 BBL (Unknown Released Amount) Recovered: 12,350 BBL Lost: -12,350 BBL.
Produced Water Released (bbls) Details	Cause: Blow Out Well Produced Water Released: 0 BBL (Unknown Released Amount) Recovered: 6,650 BBL Lost: -6,650 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Cause: Blow Out Well Natural Gas Vented Released: 7,574 Mcf Recovered: 0 Mcf Lost: 7,574 Mcf.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	During coiled tubing rig up operations, the BOP fell from the forklift striking the well head casing valve. Damage to the casing valve resulted in a loss of well control and a release. Wild Well Control was on-site to regain well control and stop the release. The well was under control and the release stopped on 12/15/24 at approximately 11:34 MST.

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 2

Action 413755

QUESTIONS (continued)

Operator: LARIO OIL & GAS CO 301 S. Market St. Wichita, KS 67202	OGRID: 13089
	Action Number: 413755
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more; (3) an unauthorized release of gases exceeding 500 MCF; (?) reported amounts release resulting in negative volume.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Michael Wicker Title: Project Manager Email: mwicker@cdhconsult.com Date: 12/27/2024
--	---

Sante Fe Main Office
Phone: (505) 476-3441

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Phone: (505) 629-6116

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 3

Action 413755

QUESTIONS (continued)

Operator: LARIO OIL & GAS CO 301 S. Market St. Wichita, KS 67202	OGRID: 13089
	Action Number: 413755
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1000 (ft.) and ½ (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 500 and 1000 (ft.)
Any other fresh water well or spring	Between 500 and 1000 (ft.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Zero feet, overlying, or within area
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	No
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 413755

CONDITIONS

Operator: LARIO OIL & GAS CO 301 S. Market St. Wichita, KS 67202	OGRID: 13089
	Action Number: 413755
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
bhall	Initial C-141 approved. Remediation plan and/or remediation closure report due 90 days after date of discovery.	12/27/2024
bhall	Be advised that the site characterization data is not approved as there are no attachments provided. Additionally, pursuant to 19.15.29.11 B. NMAC "Unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation." A remediation plan must be submitted with the site characterization information. Please update this section of the C-141 when the remediation plan and/or remediation closure report is submitted.	12/27/2024

From: [Bratcher, Michael, EMNRD](#)
To: [Michael Wicker](#)
Subject: RE: [EXTERNAL] Lario Oil & Gas Co (OGRID #83338) - Close Encounters State Com #301H (nAPP2434838184) - Variance Request
Date: Thursday, December 19, 2024 1:34:33 PM
Attachments: [image002.png](#)
[image003.png](#)

Michael,

Lario is approved to obtain confirmation floor samples representative of no more than 400 square feet and sidewall samples representative of no more than 200 square feet, however, collection of confirmation samples requires two business days' notice (C-141N) prior to collection. If you are obtaining those samples today, be advised that the required notice has not been provided and those samples obtained without notification may not be accepted.

Include a copy of all correspondence in future submittals.

Mike Bratcher

Incident Supervisor
Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave | Artesia, NM 88210
(575) 626-0857 |
mike.bratcher@emnrd.nm.gov
<http://www.emnrd.nm.gov/ocd>

From: Michael Wicker <mwicker@cdhconsult.com>
Sent: Thursday, December 19, 2024 9:30 AM
To: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: [EXTERNAL] Lario Oil & Gas Co (OGRID #83338) - Close Encounters State Com #301H (nAPP2434838184) - Variance Request

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good Morning, Mike,

Earlier this week we discussed (via phone call) collecting confirmation soil samples at a frequency of every 400 square feet for floor samples and every 200 square feet for sidewall samples due to the footprint of the release (~390,000 square feet). Your guidance was to propose the 400 square-foot sampling frequency for floor samples in the Remediation Plan; however, the OCD Permitting website give an error message when you select "yes" for "Requesting a remediation plan approval with this submission" and also select "No" for "Have the lateral and vertical extents of contamination been fully delineated"

The screenshot shows a web form titled "Remediation Plan". Below the title is a instruction: "Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date." There is a question: "Requesting a remediation plan approval with this submission" with a "Yes" button selected. To the right of the question are "Clear" and "Reset" buttons. Below the question is a yellow error message box that says: "Correction: Remediation Plan cannot be submitted if the extent of contamination has not been fully delineated." At the bottom of the form, there is a text area with the instruction: "Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19-15-20-11 NMAC and 19-15-20-13 NMAC."

Variance Request

The release extent has been mapped based on visual impacts and we plan to begin collecting confirmation soil samples today on the pad following initial release response efforts. We have setup a GIS layer in Field Maps that created 975 sample areas (400 square feet each) within the release extent area. Can you approve of the 400 square-foot sampling frequency for floor samples via email? While we are early in this cleanup process we want to ensure we are efficiently working towards closure and hope to have some assurance we wont need to increase the sampling frequency.

Thank you!
Michael

Lario Oil & Gas Co (OGRID #83338)
Close Encounters State Com #301H
32.7411663,-103.5160382 NAD83
N-13-18S-34E
API #30-025-52945
NMSLO Lease ID #VC06370003
OCD Incident # nAPP2434838184

Michael A. Wicker, P.G.
Senior Geologist
CDH Consulting, LLC
616.970.8459
mwicker@CDHconsult.com



www.CDHconsult.com

From: [Hall, Brittany, EMNRD](#)
To: [Michael Wicker](#)
Cc: [Ryan Bruner](#); [Bratcher, Michael, EMNRD](#)
Subject: RE: [EXTERNAL] Lario - Close Encounters State Com #301H (nAPP2434838184) - Variance Request
Date: Monday, January 13, 2025 1:45:59 PM
Attachments: [image001.png](#)

Hi Michael,

The variance request for weekly sampling notifications that summarize the days, times, estimated square footage, and number of samples to be collected for the week is approved.

Please include a copy of this correspondence in the next submittal.

Thank you,

Brittany Hall ● Environmental Specialist
Environmental Bureau Projects Group
EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87110
505.517.5333 | Brittany.Hall@emnrd.nm.gov
<http://www.emnrd.nm.gov/ocd/>

Effective 12/1/2024: OCD has updated guidance on karst potential occurrence zones. This notice can be found at: <https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/> under “2024 OCD ANNOUNCEMENTS AND NOTIFICATIONS”.

The Digital C-141 guidance documents can be found at <https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/> or <https://www.emnrd.nm.gov/ocd/ocd-forms/>.

From: Michael Wicker <mwicker@cdhconsult.com>
Sent: Monday, January 13, 2025 12:49 PM
To: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Cc: Ryan Bruner <Ryanb@lario.net>
Subject: [EXTERNAL] Lario - Close Encounters State Com #301H (nAPP2434838184) - Variance Request

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Hi Brittany,

Per 19.15.29.14, Lario is requesting variance from 19.15.29.12.D(1)(a), requiring the responsible party notify the appropriate division district office two business days prior to conducting final sampling. Due to the volume of samples required to be collected (over 1,000), delineation/remediation will take several months to complete at the Close Encounters

State Com #301H release (nAPP2434838184).

Lario is requesting the OCD accept weekly sampling notifications that summarize the days, times, estimated square footage, and number of samples to be collected for the week. This variance would give the OCD the same opportunity to observe the collection of confirmation soil samples as 19.15.29.12.D(1)(a) which provides “equal or better protection of fresh water, public health and the environment” but would save the OCD and Lario the time of submitting these notifications daily.

OCD approval of this variance will be shared with the SLO. Weekly sampling notifications will be forwarded to the SLO.

Thank you!
Michael

Michael A. Wicker, P.G.
Senior Geologist
CDH Consulting, LLC
616.970.8459
mwicker@CDHconsult.com



www.CDHconsult.com

Michael Wicker

From: Knight, Tami C. <tknight@nmslo.gov>
Sent: Thursday, January 30, 2025 11:19 AM
To: Michael Wicker
Cc: Ryan Bruner; Chris Delhierro
Subject: RE: (Meeting Follow-Up) Lario-Close Encounters State Com #301H (API # 30-025-52945/nAPP2434838184) - 12-12-2024

Follow Up Flag: Follow up
Flag Status: Flagged

Hello

Thank you for the summary. If remediation closure will not be completed within the NMOCD 90 day closure window then we do need the written remediation workplan.

Delineation while you are conducting the remediation excavation is acceptable. I'm not clear on what you are referencing in your last bullet regarding a site delineation plan.



Tami C. Knight, CHMM

Environmental Specialist

NMSLO Environmental Compliance Office

505.670-1638

tknight@nmslo.gov



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From: Michael Wicker <mwicker@cdhconsult.com>
Sent: Friday, January 10, 2025 3:47 PM
To: Knight, Tami C. <tknight@nmslo.gov>
Cc: Ryan Bruner <Ryanb@lario.net>; Chris Delhierro <chris@cdhconsult.com>
Subject: [EXTERNAL] (Meeting Follow-Up) Lario-Close Encounters State Com #301H (API #30-025-52945/nAPP2434838184) - 12-12-2024

Hi Tami,

We wanted to thank you for taking the time out of your busy schedule to meet with us today. Per our conversation, Lario/CDH will proceed with site characterization/delineation/remediation by completing the following:

- Lario will continue to ensure good communication between Lario legal and Seth's lawyer

- Analytical results will be compared to the most stringent standard to protect the sensitive environment
 - All chloride, TPH, & BTEX exceedances will be removed and hauled offsite for disposal
- One confirmation soil sample will be collected for every 400 square feet
- Within the sensitive environment (Iron House Draw), all TPH detections below the standard (100 mg/kg) will be treated with a microbial amendment prior to backfilling
 - Does NMSLO have a list of approved or recommended products? Even if that list isn't official, we have found that different products perform better in different areas so would like to get your thoughts.
- The area to the northeast of the drilling pad will be investigated in coordination with Seth
 - The area will be photo documented and mapped with a GPS unit
 - Samples will be collected to determine if impacts to the area are present
 - If exceedances are identified and deemed to be surficial from 0" to 2" deep, a microbial amendment will be applied prior to removing the impacted soil and destroying existing plant species/soil stability
 - The area will be maintained appropriately to maximize the microbial amendments effectiveness, including adding moisture, if appropriate based on the amendment selected
 - Follow-up performance sampling to be completed to ensure microbial amendment success
 - Soil will only be excavated if the microbial amendment proves to be unsuccessful after six months of quarterly soil sampling
- 2-Day Sample Notification will be submitted for each day sampling is to be completed
 - Once the NMOCD approves a variance for sample notifications to be submitted on a weekly basis, NMSLO will also receive sample notifications on weekly basis and will deem this notification frequency acceptable
- Lario to submit a Site Characterization/Delineation Plan to the NMOCD/NMSLO to solidify the path forward for all stakeholders
 - The Plan will include all required documents identified in the *Environmental Compliance Office Document Checklist*, including but not limited to:
 - A paragraph stating when ARMS review & survey were completed
 - The cover sheet for the ARMS review & survey
 - Documentation or statement of applicability regarding working in biologically sensitive areas

We truly appreciate your time and guidance and look forward to working with you on this and future projects.

Thank you!
Michael

Michael A. Wicker, P.G.
Senior Geologist
CDH Consulting, LLC
616.970.8459
mwicker@CDHconsult.com



ATTACHMENT E

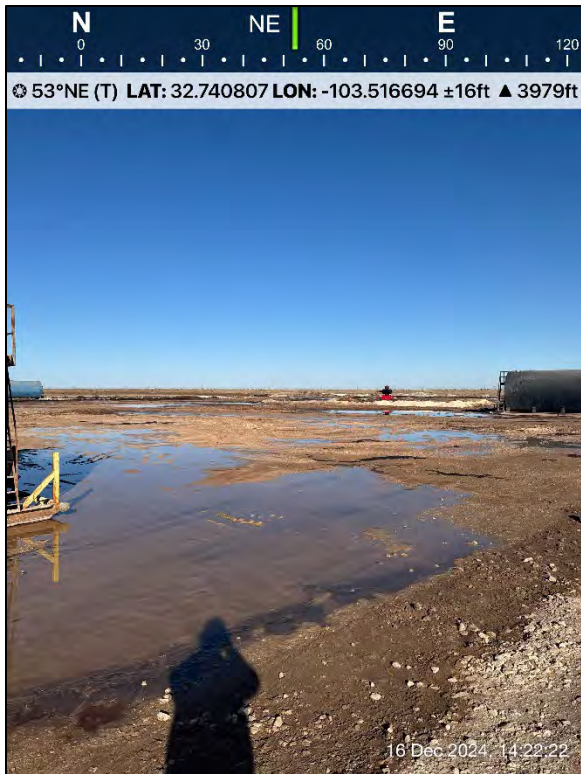
Photographic Log

PHOTOGRAPHIC LOG

Lario Oil & Gas Co

Close Encounters State Com #301H

December 16, 2024 – January 21, 2025

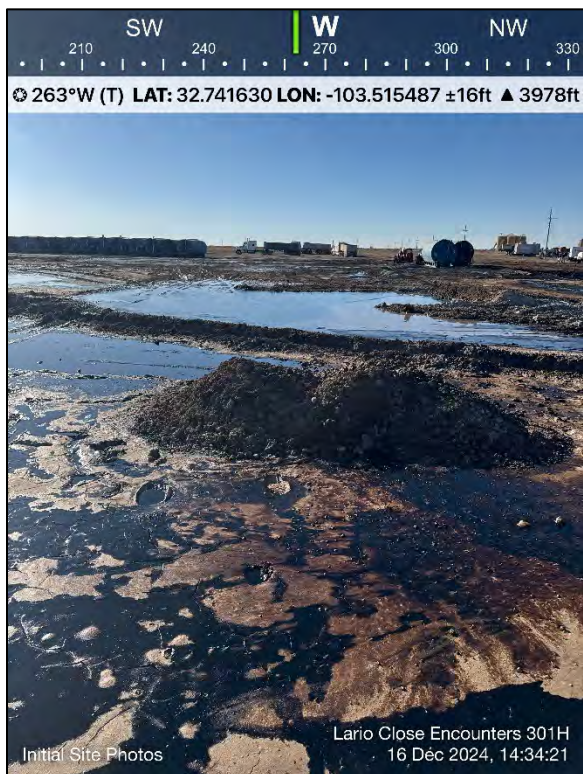
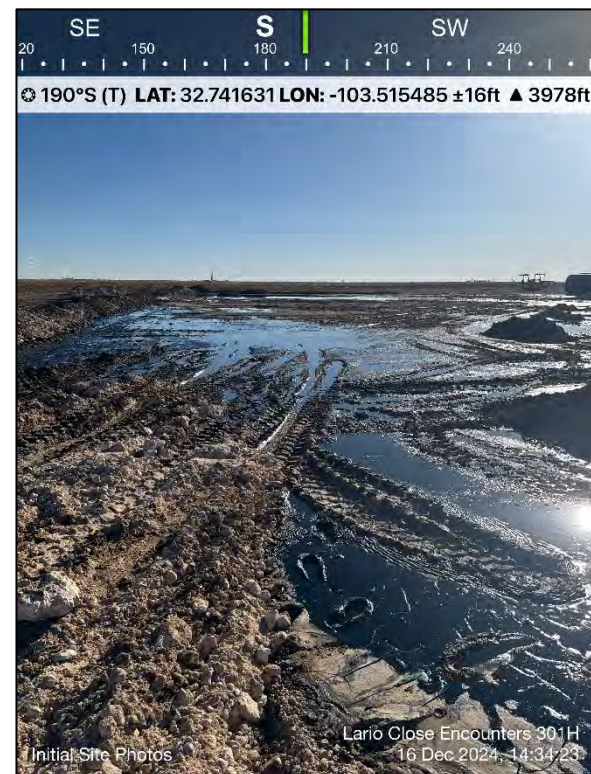
**Photo 1:** Initial site conditions, drilling Pad**Photo 2:** Initial site conditions, drilling Pad**Photo 3:** Initial site conditions, north of drilling pad**Photo 4:** Initial site conditions, north of drilling pad

PHOTOGRAPHIC LOG

Lario Oil & Gas Co

Close Encounters State Com #301H

December 16, 2024 – January 21, 2025

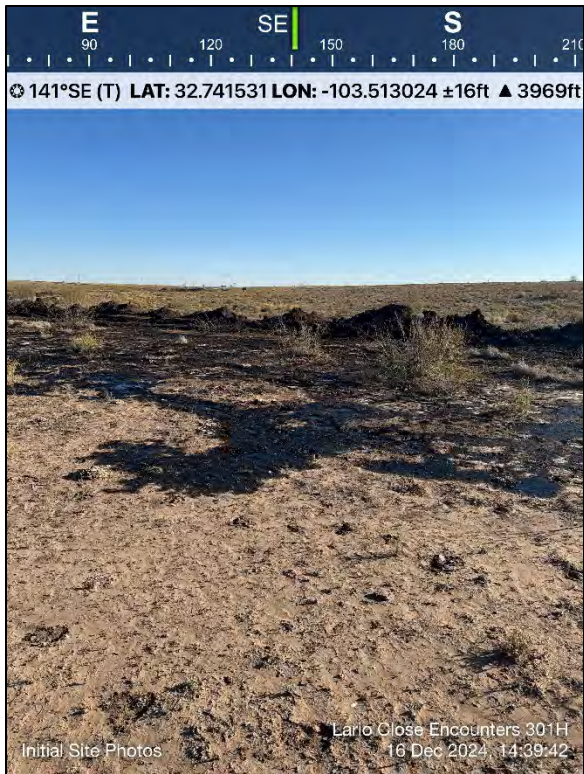
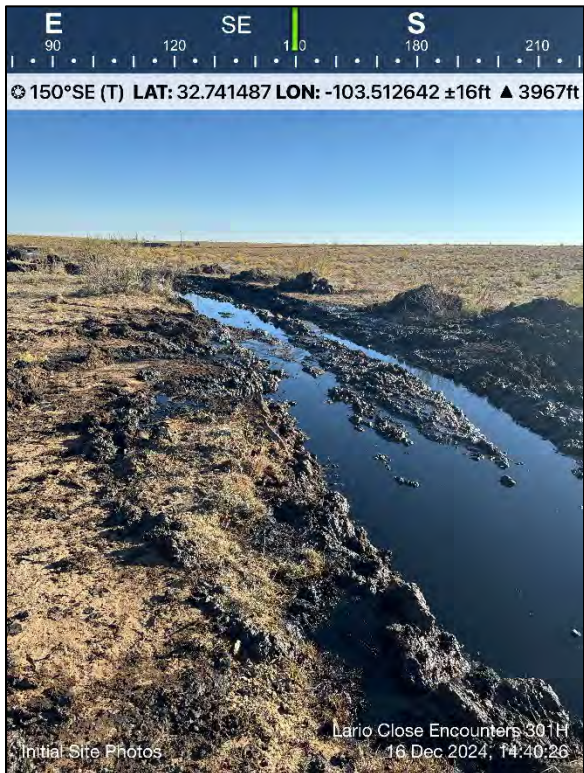
**Photo 5:** Initial site conditions, north of drilling pad**Photo 6:** Initial site conditions, north of drilling pad**Photo 7:** Initial site conditions, drilling pad**Photo 8:** Initial site conditions, drilling pad

PHOTOGRAPHIC LOG

Lario Oil & Gas Co

Close Encounters State Com #301H

December 16, 2024 – January 21, 2025

**Photo 9:** Initial site conditions, wash east of pad**Photo 10:** Initial site conditions, wash east of pad**Photo 11:** Initial site conditions, wash east of pad**Photo 12:** Initial site conditions, Iron House Draw

PHOTOGRAPHIC LOG

Lario Oil & Gas Co

Close Encounters State Com #301H

December 16, 2024 – January 21, 2025

**Photo 13:** Initial site conditions, Iron House Draw**Photo 14:** Initial site conditions, Iron House Draw**Photo 15:** Initial site conditions, Iron House Draw**Photo 16:** Initial site conditions, Iron House Draw

PHOTOGRAPHIC LOG

Lario Oil & Gas Co

Close Encounters State Com #301H

December 16, 2024 – January 21, 2025

**Photo 17:** Initial site conditions, Iron House Draw**Photo 18:** Initial site conditions, terminus of release**Photo 19:** Initial site conditions, terminus of release**Photo 20:** Initial site conditions, terminus of release

PHOTOGRAPHIC LOG
Lario Oil & Gas Co
Close Encounters State Com #301H
December 16, 2024 – January 21, 2025



Photo 21: Remediation progress, drilling pad



Photo 22: Remediation progress, drilling pad



Photo 23: Remediation progress, wash east of pad



Photo 24: Remediation progress, wash east of pad

PHOTOGRAPHIC LOG

Lario Oil & Gas Co

Close Encounters State Com #301H

December 16, 2024 – January 21, 2025

**Photo 25:** Remediation progress, Iron House Draw**Photo 26:** Remediation progress, Iron House Draw**Photo 27:** Remediation progress, Iron House Draw**Photo 28:** Remediation progress, Iron House Draw

PHOTOGRAPHIC LOG
Lario Oil & Gas Co
Close Encounters State Com #301H
December 16, 2024 – January 21, 2025



Photo 29: Remediation progress, Iron House Draw



Photo 30: Remediation progress, Iron House Draw



Photo 31: Remediation progress, Iron House Draw

ATTACHMENT F

Biostimulation Additive Information



TerraStryke® Products LLC

519 Main Street
Andover, NH 03216
603.731.3159
(802) 488-0333

www.terrastryke.com

March 7, 2025

Michael Wicker
Sr. Geologist
CDH Consultants, Inc.
Remote Office, Michigan

Re: **TerraStryke®** Proposal 2025-0600 **TPH^{ENHANCED}™** Biostimulation Remediation Strategy
Close Encounters State Com. #301H, Lario Oil & Gas, Lea County New Mexico (Site)

Michael,

TerraStryke® Products LLC (**TerraStryke®**) appreciates the opportunity to provide CDH Consultants (CDH) the following proposal for purchase of the **TerraStryke®** biostimulation additive **TPH^{ENHANCED}™**. The additive will be used in conjunction with the remediation of surface and shallow soils contaminated with petroleum hydrocarbons (PHC) as a result of an unauthorized release from an aboveground bulk storage tank.

TerraStryke® biostimulation strategies support the long-term and *complete* destruction/utilization of dissolved phase and residual source mass (sorbed, blebs, ganglia etc.) contaminants. Biostimulation enhances the natural attenuation of petroleum hydrocarbons (PHCs) by restoring the microbial ecosystem within the impacted zones. Presently the microbes are dormant due to the release of PHCs. Biostimulation restores their ecosystem to allow the return to a revegetation state of dormant (UMB) microbes, maximize microbial growth, communication and, via Quorum Sensing and Signaling (QSS), establish a collective workspace referred to as biofilm.

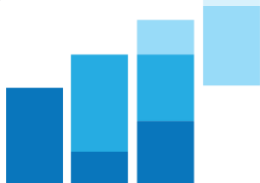
Site Concern: Due to a blowout during drilling activities PHC contaminants migrated down a dry gulch adversely impacting surficial and shallow soils along its path. The location is in a remote location which averages ≤16 inches of rain annually. Contaminants of concern include Deisel Range Organics (DRO) above regulatory compliance standards between 0-3ft below ground surface (bgs). Delineation allowed identification and removal of impacted soils generating numerous 400s.f. shallow open excavations. The goal of this biostimulation project is to amend the floor of each of the open areas with a solution of **TPH^{ENHANCED}™** and water prior to backfill to address potential residual mass 1-2ft below the excavation floor. Table One below provides an estimated cost of additive per trench section.

Table One

Item	Dimensions	Per Excavation	Unit Price	Cost ¹
Typical Excavation	20ft x 20ft x 1 ½ ft (600 c.f.)	264 pounds (8 x 33lb bags) TPH^{ENHANCED}™	\$ 5.22 per pound	\$ 1,378.08
Transportation	Lump Sum			\$ 1,250.00
Total Price				\$ 2,628.08

¹Costs include Customs fees, US taxes, fees and duties, and Canadian associated HST fees.*

²One skid material capable of amending 6-open areas.

**Proposal 2025-0600**

March 7, 2025

Page Two

Biofilm provides protection to the microbes inside from bulk water conditions, predation while allowing the exponential increase in genetic sharing. As a result, a consortium of bacteria works with a collective focus on the exploitation of energy, protons in this case, associated with the PHC contaminants. Secondary benefit to biofilm is the enhanced liberation of residual source mass (sorbed, ganglia, stringers, blebs) effectively eliminating rebound up-front safeguarding long-term compliance. Biostimulation is sustainable, works without aboveground equipment, requires no energy, and produces no nuisance noise/emissions or vapors. Simply low-cost low-impact performance.

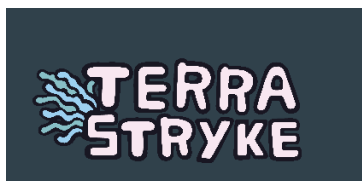
Program: Contaminated soils have been excavated and removed off-site. As noted earlier, a solution of **TPH^{ENHANCED}**™ will be applied to the entire floor of each open excavation. The solution will consist of roughly 264-lbs additive (8 bags) blended with 90 to 100-gallons water. When completed the amending excavation floor shall be backfilled with clean soil. After backfilling it would be ideal if additional water is applied to the surface fully saturating the ≈3ft zone.

TerraStryke® has also been asked to provide the cost of a biostimulation solution to amend an approximate 10,500 s.f. area, to the same depths noted above, applying the additive solution using the same techniques as noted above with similar contaminant levels. Here the additive solution is to be applied directly to the ground surface and allowed to percolate ≤3-inches below ground surface. If blended in a single event the amount of water recommended is 1,000-gallons to create a 25% by solids solution.

Item	Dimensions	Volume Additive	Unit Price	Cost ¹
DRO Impacted Surface Soils	100ft x 105ft x 3 to 6-inches (6,090 c.f.)	3,168 pounds (96 x 33lb bags) TPHENHANCED™	\$ 5.22 per pound	\$ 16,536.96
Transportation	Combined	Per Skid Lump Sum (63 bags per skid)		\$ 2,600.00
Total Price				\$ 19,136.96

Performance: Groundwater samples will not be available during the project. Soil samples collected at a period designated by CDH using PID readings will be sample and analyzed for compliance purposes. Additive efficacy is determined by comparing baseline conditions to those recorded during performance monitoring/analytical testing events performed throughout the remedial program. Monitoring metrics for groundwater samples are listed below. Analytes for soil samples, in addition to Site COCs, are highlighted.

- **Nitrates (NO₃)**
 - Dissolved Manganese (Mn)
 - Dissolved Iron (Fe)
 - Sulphates (SO₄)
 - Chloride (Cl⁻)
 - Conductivity, pH, Temperature
 - **Heterotrophic Plate Count (HPC)**
 - Dissolved Oxygen (DO)
 - Organic Carbon
 - Inorganic Carbon
 - Organic Carbon
 - Oxidation Reduction Potential (ORP)
- } Total

THE NEXT GENERATION IN BIOREMEDIATION TERRASTRYKE.COM

**Proposal 2025-0600**

March 7, 2025

Page Three

Assumptions: For loading purposes, it is assumed background groundwater conditions include ≈ 25 mg/L total organic carbon (TOC); this is standard loading protocol designed to provide a level of contingency, soils are normal in terms of pH and there are no other conditions that would be detrimental to the growth and development of indigenous microbial populations. The volume of additive presented is based on information supplied by CDH and, to the extent any such information is incorrect or needs to be modified, the costs and volumes of material quoted herein may be subject to change based on the new information.

Costs: Costs presented are based on current supplier pricing. Any increase or decrease in the cost of raw materials will be reflected on a new pricing sheet to be supplied by **TerraStryke®** in the event of any change both parties understand and agree that any such increase or decrease in costs will apply to this proposal and may vary the total costs quoted herein. Pricing is secure for 30-days past the proposal date.

Should you require additional information regarding this proposal please contact us at (603) 731-3159.

Sincerely,

TerraStryke® PRODUCTS LLC

Kent C. Armstrong

karmstrong@terrastryke.com**Proposal 2025-0599**

February 4, 2025

Page Three

Proposal Acceptance

Purchase of additive may be accepted by signing below and returning one completed copy to **TerraStryke®**. The executed agreement shall constitute the entire agreement. Product shall be shipped within 3-4 weeks receipt of *60% total additive(s) cost plus transportation* with the remaining balance due upon receipt of material at designated ship-to location. A 5% discount on additive costs shall be applied if the entire invoice sum is paid upfront via wire.

All funds payable TerraStryke Products LLC; 110 Winooski Falls Way, Unit 206, Winooski VT, 05404.

Proposal 2025-0600 is accepted and duly executed by an authorized signatory of CDH Consultants.

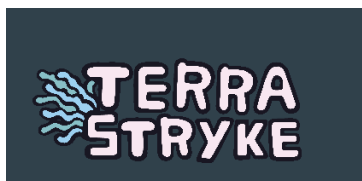
By: _____

CDH Consultants

Title: _____

Typed Name: _____

Date: _____

THE NEXT GENERATION IN BIOREMEDIATION TERRASTRYKE.COM



TerraStryke® Products LLC

519 Main Street

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Andover, NH 03216

www.TerraStryke.com

Project Highlights

TPHENHANCED™ is a cost-effective remediation strategy that maximizes your remediation dollar.

TPHENHANCED™ provides expedited destruction of Site contaminants, eliminating liabilities and risks faster.

TPHENHANCED™ provides a metabolic analog to Oxygen (O₂), supporting indigenous microbes anaerobically to achieve greater performance.

TPHENHANCED™ represents a **Green** strategy that minimizes the impact of remediation.

TPHENHANCED™ **cost-effectively** eliminates aboveground energy consuming, emissions generating equipment to lower impacts.

TPHENHANCED™ allows for faster redevelopment of your site to enhance the value of your property.

TPHENHANCED™ maximizes performance, eliminates liabilities while, enhancing redevelopment and property values.



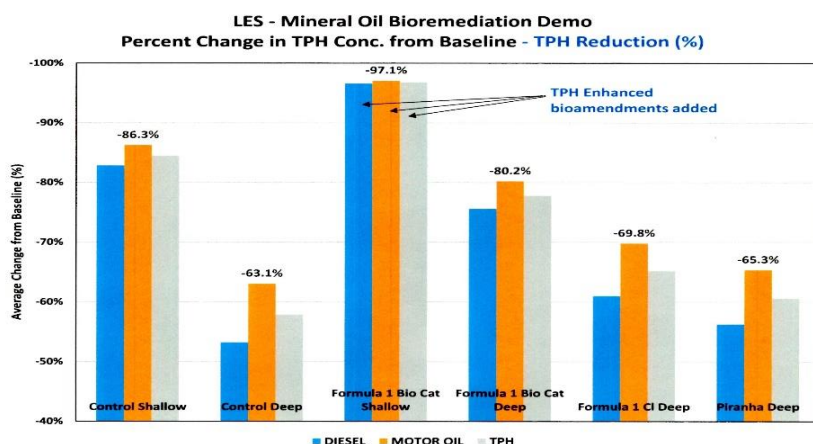
TerraStryke® TPHENHANCED™ Residual Source Mass Remediation Mineral Oil Bioremediation Demonstration, Midwest Utility Company

Site: Consultant established three field study plots consisting of 100 s.f. each with assumed 5ft vertical impact. Each plot dosed with separate amendments, one being **TPHENHANCED™**. Each test area was dosed with 100,000 ug/L mixture of water, mineral oil, diesel, and gasoline; typical contaminants associated with utility service facilities.

Concern: Electrical transformer cooling fluids function as insulation and heat transfer. Mineral Oil typically meets transformer thermal requirements and significantly extends transformer lifespans. Occasionally transformers fail, and variable amounts of mineral oil is released to the environment, onto concrete surfaces and into subsurface soils.

Program: To show the efficacy of biostimulation and the additive **TPHENHANCED™** in expediting the destruction of Mineral Oil and TPH components a 120-day evaluation was performed at a typical site. Six (6) test plots were created, each dosed with 4-6 gallons Mineral Oil/TPH solution with microbes. Test plots were identified as CTR (Control) Shallow and Deep, Formula 1 Cat shallow/deep (contains **TPHENHANCED™**), Formula 1 CI Deep, and Piranha Deep; each dosed with oil, an additive, and microbes.

Results: At day 114 the **TPHENHANCED™** amended plot averaged a **97.1%↓** decrease in contaminant levels in shallow soils; an 80.2%↓ reduction, deep soils. The nearest challengers realized 69.8%, 65.3% and 63.1% reductions in deep soils; results that are, at a minimum, >30% better in overall performance.



By the end of 2019 the **TPHENHANCED™** amended plots (OFBC Shallow/Deep) realized the greatest mass reductions in Diesel, Motor Oil and, Mineral Oil than all the other bioplots. In fact, the OFBC and CTRL shallow soil sample intervals exhibited greater reductions in petroleum hydrocarbon than the deeper soil samples from their respective plots, and the OFBC Plot exhibited greater than 96% percent degradation of petroleum hydrocarbon compounds in Mineral Oil. The deep soil sample from the OFBC Plot exceeded 75% degradation of Diesel concentrations, and 80% of the Motor Oil fraction.

*The demonstration documented greater efficiencies in soil contaminant removal using **TPHENHANCED™** allowing all Stakeholders shorter compliance timelines, reduced liabilities, expedited redevelopment opportunities with less site impacts at lower costs.*



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TerraStryke® Products LLC

519 Main Street

P.O. Box 254

Andover, NH 03216

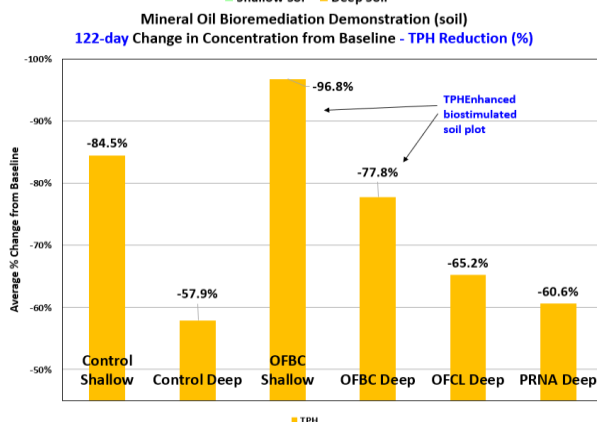
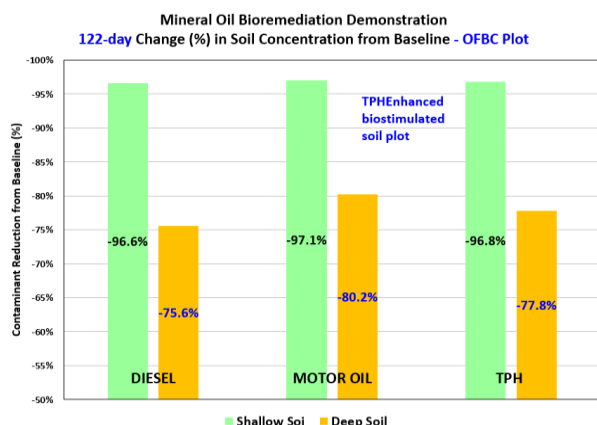
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As noted the evaluation extended a total of 122-days between June and October 2019. The OFBC Plot amended with **TPHENHANCED™** was provided a biostimulant containing a non-Oxygen based respiratory source and a macro-micro nutrient package designed to restore the indigenous microbial ecology. The consultant further added a consortium of Archaea bacteria to each plot capable of degrading chlorinated hydrocarbons.

Summary: The data indicates that definitive conclusions can be made on the effectiveness of the biostimulation program and the biostimulation additive **TPHENHANCED™**, as observed at OFBC Shallow and Deep. A complete summary of soil reductions observed per biplot are summarized below.

SOILS	OFBC SHALLOW TPHENHANCED™	OFBC DEEP TPHENHANCED™	OFCL DEEP	PRNA DEEP	SHALLOW CONTROL	DEEP DIESEL CONTROL
DIESEL	-96.6%	-75.6%	-61.0%	-56.3%	-82.8%	-53.2%
MOTOR OIL	-97.1%	-80.2%	-69.8%	-65.3%	-86.3%	-63.1%
TPH	-96.8%	-77.8%	-65.2%	-60.6%	-84.5%	-57.9%

TPHENHANCED™ AMENDED PLOTS!



Summary: 122-day evaluation demonstrated biostimulation with **TPHENHANCED™** provides greater contaminant destruction realizing, as compared to current industry standards realizing;

- >96% reduction in [TPH]
- >97% reduction in [Motor Oil] range hydrocarbons, and
- >96% reduction in [DRO] Diesel range organics.

Conclusions: By supporting the microbial ecosystem with the biostimulation additive **TPHENHANCED™** you support indigenous microbial growth, communication, Quorum Sensing/Signaling (QSS) and the development of biofilm.

Properly supported microbial populations will stop behaving as individuals and establish collective's laser focused on the majority source of energy present. Utility sites, gas stations, manufacturing facilities all have petroleum hydrocarbon contaminants (PHC) which always represent energy in the form of protons.

TPHENHANCED™ and its proprietary nutrient package is proven to enhance the indigenous microbial populations reach necessary densities without augmentation; we don't care how many are there to start, nor do we care who is there to start, we assure you they are there and just need your support to allow your realizing compliance faster with less costs, less impacts.

What does this mean to you? By organically expediting the destruction of dissolved-phase and residual source mass contaminants via biostimulation alone, we at **TerraStryke®** allow all Stakeholders to realize compliance with less costs and less impacts, expeditiously eliminating liabilities while maximizing redevelopment opportunities and enhancing your property value. Together we can help maximize your remediation dollar and stop exhausting your bank account.



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Safety Data Sheet

TerraStryke® TPHenhanced

SECTION 1. IDENTIFICATION

Product Identifier TerraStryke® TPHenhanced™-mod1
Other Means of Identification 11820, 11821
Product Family TerraStryke®
Recommended Use Environmental Remediation.
Restrictions on Use Not for human or animal use.
Manufacturer/Supplier Identifier Master Plant-Prod Inc., 314 Orenda Road, Brampton, Ontario, Canada, L6T 1G1, Canada
Emergency Phone No. CANUTEC, 1-613-996-6666, 24 Hours
Date of Preparation October 20, 2020

SECTION 2. HAZARD IDENTIFICATION

Eye irritation - Category 2 Classified according to Canada's Hazardous Products Regulations (WHMIS 2015).

Classification: Eye Irritation – Category 2

Lab Elements:

Warning Hazard Statement(s): H319 Causes serious eye irritation.

Precautionary Statement(s): Prevention: P264 Wash hands and skin thoroughly after handling. P280 Wear eye protection/face protection.

Response:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice or attention.

Classification

Not classified under any hazard class.

Label Elements

Not applicable

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Ammonium Nitrate	6484-52-2	30-40		
Potassium Nitrate	7757-79-1	10-15		
Boric acid	10043-35-3	< 0.10		



SECTION 4. FIRST-AID MEASURES

First-aid Measures Inhalation

Move to fresh air. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by Poison Centre or doctor. Get medical advice or attention if you feel unwell or are concerned.

Skin Contact

Avoid direct contact. Wear chemical protective clothing if necessary. Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Immediately rinse with lukewarm, gently flowing water for 15-20 minutes. If skin irritation occurs, get medical advice or attention.

Eye Contact

Avoid direct contact. Wear chemical protective gloves if necessary. Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. Remove contact lenses, if lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. Remove contact lenses, if present and easy to do. If eye irritation persists, get medical advice or attention.

Ingestion

Get medical advice or attention if you feel unwell or are concerned. Never give anything by mouth if person is rapidly losing consciousness or is unconscious or convulsing. Do not induce vomiting.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media Suitable Extinguishing Media

Use flooding quantities of water spray or fog.

Unsuitable Extinguishing Media

DO NOT use water jet.

Specific Hazards Arising from the Product

Mild oxidizer. May intensify fire.

Corrosive, flammable ammonia; corrosive, oxidizing nitrogen oxides; corrosive sulfur oxides; corrosive phosphorous oxides; very toxic carbon monoxide, carbon dioxide.

Special Protective Equipment and Precautions for Fire-fighters

Wear SCBA and full protective clothing. Wear self-contained breathing apparatus in confined areas or when exposed to combustion products. Oxidizer. Prevent contact with flammable and combustible materials. Review Section 6 (Accidental Release Measures) for important information on responding to leaks/spills.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

Environmental Precautions

Do not allow into any sewer, on the ground or into any waterway.

Methods and Materials for Containment and Cleaning Up

Contain the spill. Avoid contact with combustibles, organics and ignition sources. Sweep up spilled material and use or dispose of in approved manner.



SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Avoid repeated or prolonged skin contact. Do not get in eyes. Only use where there is adequate ventilation.

Conditions for Safe Storage

Store in an area that is: cool, dry, well-ventilated. Keep out of reach of children. Store in a closed container. Keep separate from acids, alkalis, reducing agents and combustibles.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Ammonium Nitrate	5 mg/m ³					
Potassium Nitrate	10mg/m ³		15mg/m ³			
Boric acid	2 mg/m ³	6 mg/m ³				

Appropriate Engineering Controls

Ensure adequate ventilation is available; typically, general ventilation is usually adequate. Use local exhaust ventilation and enclosure, if necessary, to control amount in the air. Provide eyewash in work area if contact or splash hazard exists. **Individual**

Protection Measures

Eye/Face Protection

Wear chemical safety goggles.

Skin Protection

Wear chemical protective clothing e.g. gloves, aprons, boots.

Respiratory Protection

Use an appropriate respirator or dust mask.



SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	fine powder. Particle Size: Not available
Odour	Not applicable
Odour Threshold	Not applicable
pH	Not available
Melting Point/Freezing Point	Not available (melting); Not available (freezing)
Initial Boiling Point/Range	Not applicable
Flash Point	Not applicable
Evaporation Rate	Not applicable
Flammability (solid, gas)	Will not burn.
Upper/Lower Flammability or Explosive Limit	Not available (upper); Not available (lower)
Vapour Pressure	Not available
Vapour Density (air = 1)	Not available
Solubility	Not available in water
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Decomposition Temperature	Not available
Other Information	
Physical State	Solid
Molecular Formula	Not applicable
Molecular Weight	Not applicable
Bulk Density	Not available

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions of use. Oxidizer. May intensify fire.

Chemical Stability Normally stable.

Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

Conditions to Avoid

Heat. Water, moisture or humidity. Open flames, sparks, static discharge, heat and other ignition sources. Incompatible materials.

Incompatible Materials

Strong acids, strong alkaloids, oxidizers, organics.

Hazardous Decomposition Products

Corrosive, flammable ammonia; corrosive, oxidizing nitrogen oxides; corrosive sulfur oxides; corrosive phosphorous oxides; very toxic carbon monoxide, carbon dioxide; cyanuric acid.



SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Inhalation; skin contact; eye contact; ingestion.

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Ammonium Nitrate		3750 mg/kg (rat)	
Potassium Nitrate		2800 mg/kg (rat)	>5000 mg/kg (rat)
Boric acid		2660 mg/kg	

Skin

Corrosion/Irritation

May cause skin irritation.

Serious Eye Damage/Irritation

May cause moderate aggravation.

STOT (Specific Target Organ Toxicity) - Single Exposure Inhalation

Very low vapour activity. May cause nose and throat irritation.

Skin Absorption

Not absorbed through skin.

Ingestion

If large amounts are swallowed symptoms may include nausea, vomiting, stomach cramps and diarrhea.

Aspiration Hazard

No information was located.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

No information was located.

Carcinogenicity

Chemical Name	IARC	ACGIH®	NTP	OSHA
Boric acid		A4		

Not known to cause cancer. Nitrilotriacetic Acid (NTA) and its salts were determined to be "possibly carcinogenic to humans by IARC, a compound which "may reasonably be anticipated to be a carcinogen" by NTP and a "select carcinogen" by OSHA. Key to Abbreviations

ACGIH® = American Conference of Governmental Industrial Hygienists. IARC = International Agency for Research on Cancer. NTP = National Toxicology Program. OSHA = US Occupational Safety and Health Administration.



Reproductive Toxicity

Development of Offspring

Boric acid may cause birth defects, based on animal data.

Sexual Function and Fertility

Boric acid may impair male fertility, based on animal data.

Effects on or via Lactation

No information was located.

Germ Cell Mutagenicity

No information was located.

Interactive Effects

No information was located.

SECTION 12. ECOLOGICAL INFORMATION

Environmental information was not located.

Ecotoxicity Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
Potassium Nitrate		490 mg/L (Daphnia magna (water flea); 24-hour)		
Ammonium Nitrate	6000 mg/L (Oncorhynchus mykiss (rainbow trout); 96-hour)	555 mg/L (Daphnia magna (water flea); 24-hour; fresh water; static)		
Boric acid	11100 mg/L (Oncorhynchus mykiss (rainbow trout); 96-hour)			

Chronic Aquatic Toxicity

Chemical Name	NOEC Fish	EC50 Fish	NOEC Crustacea	EC50 Crustacea
Potassium nitrate				900 mg/L (Daphnia magna (water flea); 4.2 days)

Persistence and Degradability

No information was located.

Bioaccumulative Potential

No information was located.

Mobility in Soil

No information was located.



SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Contact local environmental authorities for approved disposal or recycling methods in your jurisdiction.

SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations. Not regulated under US DOT Regulations. Not regulated under IATA Regulations.

Special Precautions Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations Canada

WHMIS 1988 Classification

Not a WHMIS controlled product.

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL/NDSL.

USA

Toxic Substances Control Act (TSCA)

Section 8(b) All ingredients are listed on the TSCA Inventory.

SECTION 16. OTHER INFORMATION

SDS Prepared By:	MPPI Technical Department 905-793-8000 April 10, 2017 rev TerraStryke® 11/25/20
Phone No.	603-731-3159.
Date of Preparation	CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS).
References	To the best of our knowledge, the information contained herein is accurate. However,
Disclaimer	neither Master Plant-Prod Inc., nor any of its distributors, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Although certain hazards are described, we cannot guarantee that these are the only hazards that exist. Final determination of suitability of any product is the sole responsibility of the user. All materials may present

ATTACHMENT G

Laboratory Analytical Reports



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Michael Wicker
CDH Consulting
9446 Clermont St,
Thornton, Colorado 80229
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JOB DESCRIPTION

CLOSE ENCOUNTER 301 H
BUCKEYE

JOB NUMBER

890-7492-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220



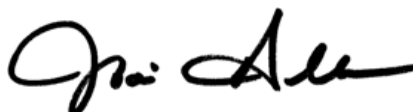
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
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Authorized for release by
Jodi Allen, Project Manager I
Jodi.Allen@et.eurofinsus.com
(281)520-2865

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Laboratory Job ID: 890-7492-1
SDG: BUCKEYE

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Definitions/Glossary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

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Job Narrative 890-7492-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 12/19/2024 3:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 64 (890-7492-3), SS 80 (890-7492-4), SS 262 (890-7492-5), SS 320 (890-7492-6), SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11), SS 495 (890-7492-12), SS 129 (890-7492-13), SS 154 (890-7492-14), SS 504 (890-7492-15), SS 398 (890-7492-16), SS 183 (890-7492-17), SS 200 (890-7492-18), SS 435 (890-7492-19), SS 477 (890-7492-20), SS 176 (890-7492-21), SS 138 (890-7492-22) and SS 420 (890-7492-23).

GC VOA

Method 8021B: The following samples were diluted due to physical characteristics such as color, odor, appearance, viscosity, etc. >>: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 80 (890-7492-4), SS 262 (890-7492-5) and SS 320 (890-7492-6). Elevated reporting limits (RL) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 01 (890-7492-1), SS 20 (890-7492-2) and SS 64 (890-7492-3). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 398 (890-7492-16) and SS 200 (890-7492-18). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SS 176 (890-7492-21). Evidence of matrix interferences is not obvious.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11) and SS 495 (890-7492-12). Elevated reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 46 (890-7492-8), SS 290 (890-7492-10) and SS 495 (890-7492-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: SS 504 (890-7492-15). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-98402/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98402 and analytical batch 880-98425 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within

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Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1 (Continued)

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acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SS 262 (890-7492-5). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Due to the high concentration of Diesel Range Organics (Over C10-C28), the matrix spike (MS) for preparation batch 880-98403 and analytical batch 880-98427 could not be evaluated for accuracy. The associated matrix spike duplicate (MSD) met acceptance criteria.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SS 477 (890-7492-20), (LCS 880-98403/2-A) and (LCSD 880-98403/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The method blank for preparation batch 880-98404 and analytical batch 880-98430 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-98404/2-A) and (LCSD 880-98404/3-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-98404 and analytical batch 880-98430 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The laboratory control sample (LCS) for preparation batch 880-98403 and analytical batch 880-98427 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10. Since only an acceptable LCSD is required per the method, the LCSD shows recovery for the batch and the data has been qualified and reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98374 and analytical batch 880-98376 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01

Lab Sample ID: 890-7492-1

Date Collected: 12/19/24 08:20

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0101	U	0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Ethylbenzene	0.0947		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Toluene	0.0306		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Xylenes, Total	1.81		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
m-Xylene & p-Xylene	0.0449		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
o-Xylene	1.77		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 11:51	20
1,4-Difluorobenzene (Surr)	124		70 - 130	12/20/24 08:24	12/20/24 11:51	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.94		0.0202		mg/Kg			12/20/24 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	287		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	287		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	12/19/24 21:26	12/20/24 12:09	1
o-Terphenyl	86		70 - 130	12/19/24 21:26	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17600		199		mg/Kg			12/20/24 10:49	20

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Ethylbenzene	0.0420		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Toluene	0.0216		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Xylenes, Total	0.350		0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
m-Xylene & p-Xylene	<0.0401	U	0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
o-Xylene	0.350		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	12/20/24 08:24	12/20/24 14:15	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	136	S1+	70 - 130	12/20/24 08:24	12/20/24 14:15	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.414		0.0401		mg/Kg			12/20/24 14:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	110		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	110		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				12/19/24 21:26	12/20/24 12:23	1
o-Terphenyl	77		70 - 130				12/19/24 21:26	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300	F1	49.9		mg/Kg			12/20/24 10:58	5

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Ethylbenzene	0.242		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Toluene	0.0581		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Xylenes, Total	0.781		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
m-Xylene & p-Xylene	0.189		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
o-Xylene	0.592		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20
1,4-Difluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.08		0.0795		mg/Kg			12/20/24 12:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	631		50.0		mg/Kg			12/20/24 09:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Diesel Range Organics (Over C10-C28)	631	F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 09:40	1
o-Terphenyl	78		70 - 130				12/19/24 21:28	12/20/24 09:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3110		50.2		mg/Kg			12/20/24 11:54	5

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Ethylbenzene	0.0344		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Toluene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Xylenes, Total	0.680		0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
m-Xylene & p-Xylene	<0.0399	U	0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
o-Xylene	0.680		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				12/20/24 08:24	12/20/24 14:36	10
1,4-Difluorobenzene (Surr)	106		70 - 130				12/20/24 08:24	12/20/24 14:36	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.714		0.0399		mg/Kg			12/20/24 14:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	188		50.0		mg/Kg			12/20/24 10:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Diesel Range Organics (Over C10-C28)	188		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				12/19/24 21:28	12/20/24 10:24	1
o-Terphenyl	74		70 - 130				12/19/24 21:28	12/20/24 10:24	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3070		100		mg/Kg			12/20/24 11:30	10

Client Sample ID: SS 262

Lab Sample ID: 890-7492-5

Date Collected: 12/19/24 08:59

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Ethylbenzene	0.966		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Toluene	0.415		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Xylenes, Total	1.51		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
m-Xylene & p-Xylene	0.756		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
o-Xylene	0.754		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				12/20/24 08:24	12/20/24 13:14	50
1,4-Difluorobenzene (Surr)	122		70 - 130				12/20/24 08:24	12/20/24 13:14	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.89		0.202		mg/Kg			12/20/24 13:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	463		50.0		mg/Kg			12/20/24 10:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Diesel Range Organics (Over C10-C28)	463		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				12/19/24 21:28	12/20/24 10:38	1
o-Terphenyl	69	S1-	70 - 130				12/19/24 21:28	12/20/24 10:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4470		99.4		mg/Kg			12/20/24 11:48	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 320

Lab Sample ID: 890-7492-6

Date Collected: 12/19/24 09:04

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0503	U	0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Ethylbenzene	0.537		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Toluene	0.125		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Xylenes, Total	1.20		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
m-Xylene & p-Xylene	0.454		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
o-Xylene	0.746		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	12/20/24 08:24	12/20/24 13:34	25
1,4-Difluorobenzene (Surr)	126		70 - 130	12/20/24 08:24	12/20/24 13:34	25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.86		0.101		mg/Kg			12/20/24 13:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	876		49.7		mg/Kg			12/20/24 10:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Diesel Range Organics (Over C10-C28)	876		49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130	12/19/24 21:28	12/20/24 10:53	1
o-Terphenyl	75		70 - 130	12/19/24 21:28	12/20/24 10:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3410		49.8		mg/Kg			12/20/24 11:59	5

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.199	U	0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Ethylbenzene	1.92		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Toluene	0.602		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Xylenes, Total	3.04		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
m-Xylene & p-Xylene	1.78		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
o-Xylene	1.26		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	12/20/24 08:27	12/20/24 12:24	100

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	100		70 - 130	12/20/24 08:27	12/20/24 12:24	100

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	5.56		0.398		mg/Kg			12/20/24 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2500		49.8		mg/Kg			12/20/24 11:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.7		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Diesel Range Organics (Over C10-C28)	2410		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:08	1
o-Terphenyl	95		70 - 130				12/19/24 21:28	12/20/24 11:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3680		49.6		mg/Kg			12/20/24 12:06	5

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.11		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Ethylbenzene	9.28		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Toluene	7.96		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Xylenes, Total	10.9		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
m-Xylene & p-Xylene	6.88		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
o-Xylene	4.05		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130				12/20/24 08:27	12/20/24 12:45	50
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:27	12/20/24 12:45	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	29.3		0.200		mg/Kg			12/20/24 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1330		49.9		mg/Kg			12/20/24 11:25	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	95.0		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Diesel Range Organics (Over C10-C28)	1230		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:25	1
o-Terphenyl	81		70 - 130				12/19/24 21:28	12/20/24 11:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5420		101		mg/Kg			12/20/24 12:11	10

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Ethylbenzene	1.52		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Toluene	0.807		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Xylenes, Total	4.70		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
m-Xylene & p-Xylene	3.88		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
o-Xylene	0.815		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				12/20/24 08:27	12/20/24 13:05	50
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:27	12/20/24 13:05	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	7.02		0.202		mg/Kg			12/20/24 13:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	60.0		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Diesel Range Organics (Over C10-C28)	1450		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:40	1
o-Terphenyl	86		70 - 130				12/19/24 21:28	12/20/24 11:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5250		99.4		mg/Kg			12/20/24 12:17	10

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.151		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Ethylbenzene	3.30		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Toluene	1.75		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Xylenes, Total	4.33		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
m-Xylene & p-Xylene	2.60		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
o-Xylene	1.73		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:27	12/20/24 13:25	50
1,4-Difluorobenzene (Surr)	100		70 - 130				12/20/24 08:27	12/20/24 13:25	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	9.53		0.201		mg/Kg			12/20/24 13:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2470		49.8		mg/Kg			12/20/24 11:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	129		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Diesel Range Organics (Over C10-C28)	2340		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				12/19/24 21:28	12/20/24 11:54	1
o-Terphenyl	105		70 - 130				12/19/24 21:28	12/20/24 11:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5400		99.8		mg/Kg			12/20/24 12:23	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.106		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Ethylbenzene	3.81		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Toluene	1.12		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Xylenes, Total	5.28		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
m-Xylene & p-Xylene	3.48		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
o-Xylene	1.80		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	12/20/24 08:27	12/20/24 13:46	50
1,4-Difluorobenzene (Surr)	99		70 - 130	12/20/24 08:27	12/20/24 13:46	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	10.3		0.200		mg/Kg			12/20/24 13:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3950		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	154		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	3800		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	12/19/24 21:28	12/20/24 12:09	1
o-Terphenyl	121		70 - 130	12/19/24 21:28	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4280		49.9		mg/Kg			12/20/24 12:29	5

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0994	U	0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Ethylbenzene	5.40		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Toluene	1.34		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Xylenes, Total	7.57		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
m-Xylene & p-Xylene	4.90		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
o-Xylene	2.67		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130	12/20/24 08:27	12/20/24 14:06	50

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	12/20/24 08:27	12/20/24 14:06	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	14.3		0.199		mg/Kg			12/20/24 14:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3070		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	177		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	2890		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:28	12/20/24 12:23	1
o-Terphenyl	108		70 - 130				12/19/24 21:28	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3660		49.6		mg/Kg			12/20/24 08:36	5

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Ethylbenzene	0.0238		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Toluene	0.00837		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Xylenes, Total	0.0306		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
m-Xylene & p-Xylene	0.0204		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
o-Xylene	0.0102		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	12/20/24 08:33	12/20/24 11:49	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/20/24 08:33	12/20/24 11:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0628		0.00404		mg/Kg			12/20/24 11:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	538		49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Diesel Range Organics (Over C10-C28)	538	F1	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 11:11	1
o-Terphenyl	79		70 - 130				12/19/24 21:30	12/20/24 11:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3350		50.0		mg/Kg			12/20/24 08:43	5

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Ethylbenzene	0.0475		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Toluene	0.0124		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Xylenes, Total	0.0632		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
m-Xylene & p-Xylene	0.0373		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
o-Xylene	0.0259		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				12/20/24 08:33	12/20/24 12:10	1
1,4-Difluorobenzene (Surr)	93		70 - 130				12/20/24 08:33	12/20/24 12:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.123		0.00401		mg/Kg			12/20/24 12:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2710		49.8		mg/Kg			12/20/24 12:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Diesel Range Organics (Over C10-C28)	2710		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 12:00	1
o-Terphenyl	120		70 - 130				12/19/24 21:30	12/20/24 12:00	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1710		50.3		mg/Kg			12/20/24 08:50	5

Client Sample ID: SS 504

Lab Sample ID: 890-7492-15

Date Collected: 12/19/24 11:40

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Ethylbenzene	0.563		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Toluene	0.173		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Xylenes, Total	0.464		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
m-Xylene & p-Xylene	0.290		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
o-Xylene	0.174		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				12/20/24 08:33	12/20/24 13:32	10
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:33	12/20/24 13:32	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.20		0.0398		mg/Kg			12/20/24 13:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 12:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Diesel Range Organics (Over C10-C28)	1510		50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				12/19/24 21:30	12/20/24 12:15	1
o-Terphenyl	97		70 - 130				12/19/24 21:30	12/20/24 12:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2990		50.0		mg/Kg			12/20/24 09:12	5

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 398

Lab Sample ID: 890-7492-16

Date Collected: 12/19/24 11:27

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0262		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Ethylbenzene	0.199		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Toluene	0.168		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Xylenes, Total	0.269		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
m-Xylene & p-Xylene	0.158		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
o-Xylene	0.111		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	12/20/24 08:33	12/20/24 12:30	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:33	12/20/24 12:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.662		0.00399		mg/Kg			12/20/24 12:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3130		49.9		mg/Kg			12/20/24 12:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.1	++	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Diesel Range Organics (Over C10-C28)	3040		49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	12/19/24 21:30	12/20/24 12:31	1
o-Terphenyl	120		70 - 130	12/19/24 21:30	12/20/24 12:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2960		50.1		mg/Kg			12/20/24 09:19	5

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Ethylbenzene	0.0487		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Toluene	0.00442		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Xylenes, Total	0.0402		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
m-Xylene & p-Xylene	0.0276		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
o-Xylene	0.0126		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	12/20/24 08:33	12/20/24 12:51	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	75		70 - 130	12/20/24 08:33	12/20/24 12:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0933		0.00404		mg/Kg			12/20/24 12:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	311		49.8		mg/Kg			12/20/24 12:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Diesel Range Organics (Over C10-C28)	311		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				12/19/24 21:30	12/20/24 12:47	1
o-Terphenyl	77		70 - 130				12/19/24 21:30	12/20/24 12:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.8		9.96		mg/Kg			12/20/24 09:26	1

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Ethylbenzene	0.191		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Toluene	0.110		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Xylenes, Total	0.265		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
m-Xylene & p-Xylene	0.156		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
o-Xylene	0.109		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130	12/20/24 08:33	12/20/24 13:11	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 13:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.566		0.00402		mg/Kg			12/20/24 13:11	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2050		49.9		mg/Kg			12/20/24 13:03	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Diesel Range Organics (Over C10-C28)	2050		49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				12/19/24 21:30	12/20/24 13:03	1
o-Terphenyl	106		70 - 130				12/19/24 21:30	12/20/24 13:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	930		10.0		mg/Kg			12/20/24 09:33	1

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Ethylbenzene	0.00665		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Toluene	0.00205		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Xylenes, Total	0.0105		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
m-Xylene & p-Xylene	0.00628		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
o-Xylene	0.00418		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				12/20/24 08:30	12/20/24 12:07	1
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 12:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0192		0.00404		mg/Kg			12/20/24 12:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	601		49.7		mg/Kg			12/20/24 13:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U **	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Diesel Range Organics (Over C10-C28)	601		49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				12/19/24 21:30	12/20/24 13:20	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 13:20	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3030		49.7		mg/Kg			12/20/24 09:40	5

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Xylenes, Total	0.133		0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
o-Xylene	0.133		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				12/20/24 08:30	12/20/24 12:27	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/20/24 08:30	12/20/24 12:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.133		0.00401		mg/Kg			12/20/24 12:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/20/24 13:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 13:36	1
o-Terphenyl	66	S1-	70 - 130				12/19/24 21:30	12/20/24 13:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		10.0		mg/Kg			12/20/24 09:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 176
Date Collected: 12/19/24 12:07
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-21
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Ethylbenzene	0.950		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Toluene	0.199		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Xylenes, Total	1.58		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
m-Xylene & p-Xylene	0.943		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
o-Xylene	0.636		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	193	S1+	70 - 130				12/20/24 08:30	12/20/24 13:28	10
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 13:28	10

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.73		0.0398		mg/Kg			12/20/24 13:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2110		49.8		mg/Kg			12/20/24 13:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Diesel Range Organics (Over C10-C28)	2110		49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:30	12/20/24 13:52	1
o-Terphenyl	112		70 - 130				12/19/24 21:30	12/20/24 13:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	812		9.98		mg/Kg			12/20/24 10:09	1

Client Sample ID: SS 138
Date Collected: 12/19/24 12:17
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-22
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Ethylbenzene	0.0120		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Toluene	0.00377		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Xylenes, Total	0.0233		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
m-Xylene & p-Xylene	0.0102		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
o-Xylene	0.0131		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				12/20/24 08:30	12/20/24 12:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130	12/20/24 08:30	12/20/24 12:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0391		0.00399		mg/Kg			12/20/24 12:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	573		49.8		mg/Kg			12/20/24 14:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Diesel Range Organics (Over C10-C28)	573		49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 14:07	1
o-Terphenyl	78		70 - 130				12/19/24 21:30	12/20/24 14:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2650		50.1		mg/Kg			12/20/24 10:16	5

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Xylenes, Total	0.0889		0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
o-Xylene	0.0889		0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	12/20/24 08:30	12/20/24 13:08	1
1,4-Difluorobenzene (Surr)	91		70 - 130	12/20/24 08:30	12/20/24 13:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0889		0.00404		mg/Kg			12/20/24 13:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 420
Date Collected: 12/19/24 12:22
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-23
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	104		70 - 130				12/19/24 21:32	12/20/24 11:11	1	
o-Terphenyl	109		70 - 130				12/19/24 21:32	12/20/24 11:11	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	162		9.94		mg/Kg			12/20/24 10:38	1	

Surrogate Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
890-7492-1	SS 01	131 S1+	124
890-7492-2	SS 20	128	136 S1+
890-7492-3	SS 64	137 S1+	131 S1+
890-7492-4	SS 80	144 S1+	106
890-7492-5	SS 262	125	122
890-7492-6	SS 320	126	126
890-7492-7	SS 488	106	100
890-7492-8	SS 46	171 S1+	94
890-7492-9	SS 107	107	101
890-7492-10	SS 290	131 S1+	100
890-7492-11	SS 339	122	99
890-7492-12	SS 495	139 S1+	104
890-7492-13	SS 129	109	95
890-7492-14	SS 154	99	93
890-7492-15	SS 504	110	94
890-7492-16	SS 398	141 S1+	96
890-7492-17	SS 183	88	75
890-7492-18	SS 200	159 S1+	93
890-7492-19	SS 435	113	104
890-7492-20	SS 477	98	95
890-7492-21	SS 176	193 S1+	104
890-7492-22	SS 138	115	103
890-7492-23	SS 420	95	91
LCS 880-98432/1-A	Lab Control Sample	101	96
LCS 880-98433/1-A	Lab Control Sample	96	103
LCS 880-98434/1-A	Lab Control Sample	107	104
LCS 880-98435/1-A	Lab Control Sample	106	99
LCSD 880-98432/2-A	Lab Control Sample Dup	103	99
LCSD 880-98433/2-A	Lab Control Sample Dup	94	103
LCSD 880-98434/2-A	Lab Control Sample Dup	109	103
LCSD 880-98435/2-A	Lab Control Sample Dup	108	98
MB 880-98432/5-A	Method Blank	112	85
MB 880-98433/5-A	Method Blank	98	96
MB 880-98434/5-A	Method Blank	111	101
MB 880-98435/5-A	Method Blank	92	93
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1	OTPH1
		(70-130)	(70-130)
890-7492-1	SS 01	83	86
890-7492-2	SS 20	76	77
890-7492-3	SS 64	75	78
890-7492-3 MS	SS 64	78	76

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Surrogate Summary

Client: CDH Consulting

Job ID: 890-7492-1

Project/Site: CLOSE ENCOUNTER 301 H

SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-3 MSD	SS 64	77	76
890-7492-4	SS 80	73	74
890-7492-5	SS 262	70	69 S1-
890-7492-6	SS 320	74	75
890-7492-7	SS 488	75	95
890-7492-8	SS 46	75	81
890-7492-9	SS 107	75	86
890-7492-10	SS 290	85	105
890-7492-11	SS 339	84	121
890-7492-12	SS 495	88	108
890-7492-13	SS 129	84	79
890-7492-13 MS	SS 129	80	81
890-7492-13 MSD	SS 129	79	81
890-7492-14	SS 154	84	120
890-7492-15	SS 504	92	97
890-7492-16	SS 398	85	120
890-7492-17	SS 183	87	77
890-7492-18	SS 200	82	106
890-7492-19	SS 435	77	74
890-7492-20	SS 477	81	66 S1-
890-7492-21	SS 176	88	112
890-7492-22	SS 138	81	78
890-7492-23	SS 420	104	109
890-7492-23 MS	SS 420	92	99
890-7492-23 MSD	SS 420	92	99
LCS 880-98401/2-A	Lab Control Sample	118	102
LCS 880-98402/2-A	Lab Control Sample	121	104
LCS 880-98403/2-A	Lab Control Sample	136 S1+	123
LCS 880-98404/2-A	Lab Control Sample	158 S1+	172 S1+
LCSD 880-98401/3-A	Lab Control Sample Dup	110	95
LCSD 880-98402/3-A	Lab Control Sample Dup	145 S1+	123
LCSD 880-98403/3-A	Lab Control Sample Dup	133 S1+	120
LCSD 880-98404/3-A	Lab Control Sample Dup	166 S1+	175 S1+
MB 880-98401/1-A	Method Blank	81	80
MB 880-98402/1-A	Method Blank	75	75
MB 880-98403/1-A	Method Blank	91	74
MB 880-98404/1-A	Method Blank	93	96

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-98432/5-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	12/20/24 08:24	12/20/24 11:08	1
1,4-Difluorobenzene (Surr)	85		70 - 130	12/20/24 08:24	12/20/24 11:08	1

Lab Sample ID: LCS 880-98432/1-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1137		mg/Kg		114	70 - 130
Ethylbenzene	0.100	0.1107		mg/Kg		111	70 - 130
Toluene	0.100	0.1082		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2221		mg/Kg		111	70 - 130
o-Xylene	0.100	0.1128		mg/Kg		113	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-98432/2-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1182		mg/Kg		118	70 - 130	4	35
Ethylbenzene	0.100	0.1145		mg/Kg		114	70 - 130	3	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2282		mg/Kg		114	70 - 130	3	35
o-Xylene	0.100	0.1165		mg/Kg		117	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	12/20/24 08:27	12/20/24 11:02	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:27	12/20/24 11:02	1

Lab Sample ID: LCS 880-98433/1-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1001		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09410		mg/Kg		94	70 - 130
Toluene	0.100	0.09371		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1885		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09536		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-98433/2-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1048		mg/Kg		105	70 - 130	5	35
Ethylbenzene	0.100	0.09886		mg/Kg		99	70 - 130	5	35
Toluene	0.100	0.09817		mg/Kg		98	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1969		mg/Kg		98	70 - 130	4	35
o-Xylene	0.100	0.09974		mg/Kg		100	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	111		70 - 130				12/20/24 08:30	12/20/24 11:25	1
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:30	12/20/24 11:25	1

Lab Sample ID: LCS 880-98434/1-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits		
		Result	Qualifier						
Benzene	0.100	0.1149		mg/Kg		115	70 - 130		
Ethylbenzene	0.100	0.1100		mg/Kg		110	70 - 130		
Toluene	0.100	0.1116		mg/Kg		112	70 - 130		
m-Xylene & p-Xylene	0.200	0.2234		mg/Kg		112	70 - 130		
o-Xylene	0.100	0.1142		mg/Kg		114	70 - 130		
Surrogate	LCS	LCS	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	107		70 - 130						
1,4-Difluorobenzene (Surr)	104		70 - 130						

Lab Sample ID: LCSD 880-98434/2-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.1162		mg/Kg		116	70 - 130	1	35
Ethylbenzene	0.100	0.1102		mg/Kg		110	70 - 130	0	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2247		mg/Kg		112	70 - 130	1	35
o-Xylene	0.100	0.1148		mg/Kg		115	70 - 130	1	35
Surrogate	LCSD	LCSD	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	109		70 - 130						
1,4-Difluorobenzene (Surr)	103		70 - 130						

Lab Sample ID: MB 880-98435/5-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98435

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac		
4-Bromofluorobenzene (Surr)	92		70 - 130	12/20/24 08:33	12/20/24 11:07	1			
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 11:07	1			

Lab Sample ID: LCS 880-98435/1-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	0.100	0.1025		mg/Kg		103	70 - 130		
Ethylbenzene	0.100	0.1037		mg/Kg		104	70 - 130		
Toluene	0.100	0.1077		mg/Kg		108	70 - 130		
m-Xylene & p-Xylene	0.200	0.2015		mg/Kg		101	70 - 130		
o-Xylene	0.100	0.1117		mg/Kg		112	70 - 130		

	LCS	LCS							
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	106		70 - 130						
1,4-Difluorobenzene (Surr)	99		70 - 130						

Lab Sample ID: LCSD 880-98435/2-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1068		mg/Kg		107	70 - 130	4	35
Ethylbenzene	0.100	0.1065		mg/Kg		107	70 - 130	3	35
Toluene	0.100	0.1103		mg/Kg		110	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2041		mg/Kg		102	70 - 130	1	35
o-Xylene	0.100	0.1136		mg/Kg		114	70 - 130	2	35

	LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	108		70 - 130						
1,4-Difluorobenzene (Surr)	98		70 - 130						

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-98401/1-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98401

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac			
1-Chlorooctane	81		70 - 130	12/19/24 21:26	12/20/24 00:11	1				
o-Terphenyl	80		70 - 130	12/19/24 21:26	12/20/24 00:11	1				

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98401/2-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98401

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1058		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	960.9		mg/Kg		96	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	118		70 - 130				
o-Terphenyl	102		70 - 130				

Lab Sample ID: LCSD 880-98401/3-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98401

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1005		mg/Kg		101	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	903.5		mg/Kg		90	70 - 130	6	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	110		70 - 130						
o-Terphenyl	95		70 - 130						

Lab Sample ID: MB 880-98402/1-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 98402

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1-Chlorooctane	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	
o-Terphenyl	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	

Lab Sample ID: LCS 880-98402/2-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1061		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1028		mg/Kg		103	70 - 130

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98402/2-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98402

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: LCSD 880-98402/3-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1288		mg/Kg		129	70 - 130	19	20
Diesel Range Organics (Over C10-C28)	1000	1231		mg/Kg		123	70 - 130	18	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	145	S1+	70 - 130
o-Terphenyl	123		70 - 130

Lab Sample ID: 890-7492-3 MS

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: SS 64

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	665.3	F1	mg/Kg		67	70 - 130
Diesel Range Organics (Over C10-C28)	631	F1	998	1155	F1	mg/Kg		53	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	78		70 - 130
o-Terphenyl	76		70 - 130

Lab Sample ID: 890-7492-3 MSD

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: SS 64

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	660.4	F1	mg/Kg		66	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	631	F1	998	1141	F1	mg/Kg		51	70 - 130	1	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	77		70 - 130
o-Terphenyl	76		70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-98403/1-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98403

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				12/19/24 21:30	12/20/24 09:12	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 09:12	1

Lab Sample ID: LCS 880-98403/2-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1333	*+	mg/Kg		133	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1178		mg/Kg		118	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	136	S1+	70 - 130				
o-Terphenyl	123		70 - 130				

Lab Sample ID: LCSD 880-98403/3-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1180		mg/Kg		118	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	1000	1166		mg/Kg		117	70 - 130	1	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	133	S1+	70 - 130						
o-Terphenyl	120		70 - 130						

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	997	729.6		mg/Kg		73	70 - 130
Diesel Range Organics (Over C10-C28)	538	F1	997	1207	F1	mg/Kg		67	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	80		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: 890-7492-13 MSD

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	997	855.4		mg/Kg		86	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	538	F1	997	1282		mg/Kg		75	70 - 130	6	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	79		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: MB 880-98404/1-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98404

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	93		70 - 130	12/19/24 21:32	12/20/24 09:12	1			
o-Terphenyl	96		70 - 130	12/19/24 21:32	12/20/24 09:12	1			

Lab Sample ID: LCS 880-98404/2-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1398	*+	mg/Kg		140	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1468	*+	mg/Kg		147	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	158	S1+	70 - 130
o-Terphenyl	172	S1+	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-98404/3-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1465	*+	mg/Kg		147	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	1590	*+	mg/Kg		159	70 - 130	8	20
		LCSD	LCSD						
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane	166	S1+	70 - 130						
o-Terphenyl	175	S1+	70 - 130						

Lab Sample ID: 890-7492-23 MS

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: SS 420

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	781.1		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	867.3		mg/Kg		84	70 - 130		
		MS	MS								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Lab Sample ID: 890-7492-23 MSD

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: SS 420

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	804.1		mg/Kg		80	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	863.1		mg/Kg		84	70 - 130	0	20
		MSD	MSD								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-98374/1-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 08:34	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-98374/2-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.6		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-98374/3-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	245.0		mg/Kg		98	90 - 110	2	20

Lab Sample ID: 890-7492-2 MS

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1300	F1	1250	3073	F1	mg/Kg		142	90 - 110

Lab Sample ID: 890-7492-2 MSD

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1300	F1	1250	3070	F1	mg/Kg		142	90 - 110	0	20

Lab Sample ID: MB 880-98373/1-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 03:00	1

Lab Sample ID: LCS 880-98373/2-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	258.6		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-98373/3-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	257.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-7492-20 MS

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: SS 477

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	126		257	387.5		mg/Kg		102	90 - 110

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-7492-20 MSD							Client Sample ID: SS 477					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 98377												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	126		248	372.8		mg/Kg		100	90 - 110	4	20	

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA

Analysis Batch: 98350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-2	SS 20	Total/NA	Solid	8021B	98432
890-7492-3	SS 64	Total/NA	Solid	8021B	98432
890-7492-4	SS 80	Total/NA	Solid	8021B	98432
890-7492-5	SS 262	Total/NA	Solid	8021B	98432
890-7492-6	SS 320	Total/NA	Solid	8021B	98432
MB 880-98432/5-A	Method Blank	Total/NA	Solid	8021B	98432
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	8021B	98432
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98432

Analysis Batch: 98351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	8021B	98433
890-7492-8	SS 46	Total/NA	Solid	8021B	98433
890-7492-9	SS 107	Total/NA	Solid	8021B	98433
890-7492-10	SS 290	Total/NA	Solid	8021B	98433
890-7492-11	SS 339	Total/NA	Solid	8021B	98433
890-7492-12	SS 495	Total/NA	Solid	8021B	98433
MB 880-98433/5-A	Method Blank	Total/NA	Solid	8021B	98433
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	8021B	98433
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98433

Analysis Batch: 98352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	8021B	98434
890-7492-20	SS 477	Total/NA	Solid	8021B	98434
890-7492-21	SS 176	Total/NA	Solid	8021B	98434
890-7492-22	SS 138	Total/NA	Solid	8021B	98434
890-7492-23	SS 420	Total/NA	Solid	8021B	98434
MB 880-98434/5-A	Method Blank	Total/NA	Solid	8021B	98434
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	8021B	98434
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98434

Analysis Batch: 98353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8021B	98435
890-7492-14	SS 154	Total/NA	Solid	8021B	98435
890-7492-15	SS 504	Total/NA	Solid	8021B	98435
890-7492-16	SS 398	Total/NA	Solid	8021B	98435
890-7492-17	SS 183	Total/NA	Solid	8021B	98435
890-7492-18	SS 200	Total/NA	Solid	8021B	98435
MB 880-98435/5-A	Method Blank	Total/NA	Solid	8021B	98435
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	8021B	98435
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98435

Prep Batch: 98432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	5035	
890-7492-2	SS 20	Total/NA	Solid	5035	
890-7492-3	SS 64	Total/NA	Solid	5035	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Prep Batch: 98432 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-4	SS 80	Total/NA	Solid	5035	
890-7492-5	SS 262	Total/NA	Solid	5035	
890-7492-6	SS 320	Total/NA	Solid	5035	
MB 880-98432/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	5035	
890-7492-8	SS 46	Total/NA	Solid	5035	
890-7492-9	SS 107	Total/NA	Solid	5035	
890-7492-10	SS 290	Total/NA	Solid	5035	
890-7492-11	SS 339	Total/NA	Solid	5035	
890-7492-12	SS 495	Total/NA	Solid	5035	
MB 880-98433/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	5035	
890-7492-20	SS 477	Total/NA	Solid	5035	
890-7492-21	SS 176	Total/NA	Solid	5035	
890-7492-22	SS 138	Total/NA	Solid	5035	
890-7492-23	SS 420	Total/NA	Solid	5035	
MB 880-98434/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	5035	
890-7492-14	SS 154	Total/NA	Solid	5035	
890-7492-15	SS 504	Total/NA	Solid	5035	
890-7492-16	SS 398	Total/NA	Solid	5035	
890-7492-17	SS 183	Total/NA	Solid	5035	
890-7492-18	SS 200	Total/NA	Solid	5035	
MB 880-98435/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 98498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	Total BTEX	
890-7492-2	SS 20	Total/NA	Solid	Total BTEX	
890-7492-3	SS 64	Total/NA	Solid	Total BTEX	
890-7492-4	SS 80	Total/NA	Solid	Total BTEX	
890-7492-5	SS 262	Total/NA	Solid	Total BTEX	
890-7492-6	SS 320	Total/NA	Solid	Total BTEX	
890-7492-7	SS 488	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Analysis Batch: 98498 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-8	SS 46	Total/NA	Solid	Total BTEX	
890-7492-9	SS 107	Total/NA	Solid	Total BTEX	
890-7492-10	SS 290	Total/NA	Solid	Total BTEX	
890-7492-11	SS 339	Total/NA	Solid	Total BTEX	
890-7492-12	SS 495	Total/NA	Solid	Total BTEX	
890-7492-13	SS 129	Total/NA	Solid	Total BTEX	
890-7492-14	SS 154	Total/NA	Solid	Total BTEX	
890-7492-15	SS 504	Total/NA	Solid	Total BTEX	
890-7492-16	SS 398	Total/NA	Solid	Total BTEX	
890-7492-17	SS 183	Total/NA	Solid	Total BTEX	
890-7492-18	SS 200	Total/NA	Solid	Total BTEX	
890-7492-19	SS 435	Total/NA	Solid	Total BTEX	
890-7492-20	SS 477	Total/NA	Solid	Total BTEX	
890-7492-21	SS 176	Total/NA	Solid	Total BTEX	
890-7492-22	SS 138	Total/NA	Solid	Total BTEX	
890-7492-23	SS 420	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 98401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015NM Prep	
890-7492-2	SS 20	Total/NA	Solid	8015NM Prep	
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 98402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-4	SS 80	Total/NA	Solid	8015NM Prep	
890-7492-5	SS 262	Total/NA	Solid	8015NM Prep	
890-7492-6	SS 320	Total/NA	Solid	8015NM Prep	
890-7492-7	SS 488	Total/NA	Solid	8015NM Prep	
890-7492-8	SS 46	Total/NA	Solid	8015NM Prep	
890-7492-9	SS 107	Total/NA	Solid	8015NM Prep	
890-7492-10	SS 290	Total/NA	Solid	8015NM Prep	
890-7492-11	SS 339	Total/NA	Solid	8015NM Prep	
890-7492-12	SS 495	Total/NA	Solid	8015NM Prep	
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-3 MS	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-3 MSD	SS 64	Total/NA	Solid	8015NM Prep	

Prep Batch: 98403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-14	SS 154	Total/NA	Solid	8015NM Prep	
890-7492-15	SS 504	Total/NA	Solid	8015NM Prep	
890-7492-16	SS 398	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Prep Batch: 98403 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-17	SS 183	Total/NA	Solid	8015NM Prep	
890-7492-18	SS 200	Total/NA	Solid	8015NM Prep	
890-7492-19	SS 435	Total/NA	Solid	8015NM Prep	
890-7492-20	SS 477	Total/NA	Solid	8015NM Prep	
890-7492-21	SS 176	Total/NA	Solid	8015NM Prep	
890-7492-22	SS 138	Total/NA	Solid	8015NM Prep	
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-13 MS	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-13 MSD	SS 129	Total/NA	Solid	8015NM Prep	

Prep Batch: 98404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015NM Prep	
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-23 MS	SS 420	Total/NA	Solid	8015NM Prep	
890-7492-23 MSD	SS 420	Total/NA	Solid	8015NM Prep	

Analysis Batch: 98423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015B NM	98401
890-7492-2	SS 20	Total/NA	Solid	8015B NM	98401
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015B NM	98401
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98401
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98401

Analysis Batch: 98425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-4	SS 80	Total/NA	Solid	8015B NM	98402
890-7492-5	SS 262	Total/NA	Solid	8015B NM	98402
890-7492-6	SS 320	Total/NA	Solid	8015B NM	98402
890-7492-7	SS 488	Total/NA	Solid	8015B NM	98402
890-7492-8	SS 46	Total/NA	Solid	8015B NM	98402
890-7492-9	SS 107	Total/NA	Solid	8015B NM	98402
890-7492-10	SS 290	Total/NA	Solid	8015B NM	98402
890-7492-11	SS 339	Total/NA	Solid	8015B NM	98402
890-7492-12	SS 495	Total/NA	Solid	8015B NM	98402
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015B NM	98402
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98402
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98402
890-7492-3 MS	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-3 MSD	SS 64	Total/NA	Solid	8015B NM	98402

Analysis Batch: 98427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-14	SS 154	Total/NA	Solid	8015B NM	98403

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Analysis Batch: 98427 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-15	SS 504	Total/NA	Solid	8015B NM	98403
890-7492-16	SS 398	Total/NA	Solid	8015B NM	98403
890-7492-17	SS 183	Total/NA	Solid	8015B NM	98403
890-7492-18	SS 200	Total/NA	Solid	8015B NM	98403
890-7492-19	SS 435	Total/NA	Solid	8015B NM	98403
890-7492-20	SS 477	Total/NA	Solid	8015B NM	98403
890-7492-21	SS 176	Total/NA	Solid	8015B NM	98403
890-7492-22	SS 138	Total/NA	Solid	8015B NM	98403
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015B NM	98403
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98403
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98403
890-7492-13 MS	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-13 MSD	SS 129	Total/NA	Solid	8015B NM	98403

Analysis Batch: 98430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015B NM	98404
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015B NM	98404
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98404
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98404
890-7492-23 MS	SS 420	Total/NA	Solid	8015B NM	98404
890-7492-23 MSD	SS 420	Total/NA	Solid	8015B NM	98404

Analysis Batch: 98523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015 NM	
890-7492-2	SS 20	Total/NA	Solid	8015 NM	
890-7492-3	SS 64	Total/NA	Solid	8015 NM	
890-7492-4	SS 80	Total/NA	Solid	8015 NM	
890-7492-5	SS 262	Total/NA	Solid	8015 NM	
890-7492-6	SS 320	Total/NA	Solid	8015 NM	
890-7492-7	SS 488	Total/NA	Solid	8015 NM	
890-7492-8	SS 46	Total/NA	Solid	8015 NM	
890-7492-9	SS 107	Total/NA	Solid	8015 NM	
890-7492-10	SS 290	Total/NA	Solid	8015 NM	
890-7492-11	SS 339	Total/NA	Solid	8015 NM	
890-7492-12	SS 495	Total/NA	Solid	8015 NM	
890-7492-13	SS 129	Total/NA	Solid	8015 NM	
890-7492-14	SS 154	Total/NA	Solid	8015 NM	
890-7492-15	SS 504	Total/NA	Solid	8015 NM	
890-7492-16	SS 398	Total/NA	Solid	8015 NM	
890-7492-17	SS 183	Total/NA	Solid	8015 NM	
890-7492-18	SS 200	Total/NA	Solid	8015 NM	
890-7492-19	SS 435	Total/NA	Solid	8015 NM	
890-7492-20	SS 477	Total/NA	Solid	8015 NM	
890-7492-21	SS 176	Total/NA	Solid	8015 NM	
890-7492-22	SS 138	Total/NA	Solid	8015 NM	
890-7492-23	SS 420	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC

Leach Batch: 98373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	DI Leach	
890-7492-13	SS 129	Soluble	Solid	DI Leach	
890-7492-14	SS 154	Soluble	Solid	DI Leach	
890-7492-15	SS 504	Soluble	Solid	DI Leach	
890-7492-16	SS 398	Soluble	Solid	DI Leach	
890-7492-17	SS 183	Soluble	Solid	DI Leach	
890-7492-18	SS 200	Soluble	Solid	DI Leach	
890-7492-19	SS 435	Soluble	Solid	DI Leach	
890-7492-20	SS 477	Soluble	Solid	DI Leach	
890-7492-21	SS 176	Soluble	Solid	DI Leach	
890-7492-22	SS 138	Soluble	Solid	DI Leach	
890-7492-23	SS 420	Soluble	Solid	DI Leach	
MB 880-98373/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-20 MS	SS 477	Soluble	Solid	DI Leach	
890-7492-20 MSD	SS 477	Soluble	Solid	DI Leach	

Leach Batch: 98374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	DI Leach	
890-7492-2	SS 20	Soluble	Solid	DI Leach	
890-7492-3	SS 64	Soluble	Solid	DI Leach	
890-7492-4	SS 80	Soluble	Solid	DI Leach	
890-7492-5	SS 262	Soluble	Solid	DI Leach	
890-7492-6	SS 320	Soluble	Solid	DI Leach	
890-7492-7	SS 488	Soluble	Solid	DI Leach	
890-7492-8	SS 46	Soluble	Solid	DI Leach	
890-7492-9	SS 107	Soluble	Solid	DI Leach	
890-7492-10	SS 290	Soluble	Solid	DI Leach	
890-7492-11	SS 339	Soluble	Solid	DI Leach	
MB 880-98374/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-2 MS	SS 20	Soluble	Solid	DI Leach	
890-7492-2 MSD	SS 20	Soluble	Solid	DI Leach	

Analysis Batch: 98376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	300.0	98374
890-7492-2	SS 20	Soluble	Solid	300.0	98374
890-7492-3	SS 64	Soluble	Solid	300.0	98374
890-7492-4	SS 80	Soluble	Solid	300.0	98374
890-7492-5	SS 262	Soluble	Solid	300.0	98374
890-7492-6	SS 320	Soluble	Solid	300.0	98374
890-7492-7	SS 488	Soluble	Solid	300.0	98374
890-7492-8	SS 46	Soluble	Solid	300.0	98374
890-7492-9	SS 107	Soluble	Solid	300.0	98374
890-7492-10	SS 290	Soluble	Solid	300.0	98374
890-7492-11	SS 339	Soluble	Solid	300.0	98374
MB 880-98374/1-A	Method Blank	Soluble	Solid	300.0	98374

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC (Continued)

Analysis Batch: 98376 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	300.0	98374
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98374
890-7492-2 MS	SS 20	Soluble	Solid	300.0	98374
890-7492-2 MSD	SS 20	Soluble	Solid	300.0	98374

Analysis Batch: 98377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	300.0	98373
890-7492-13	SS 129	Soluble	Solid	300.0	98373
890-7492-14	SS 154	Soluble	Solid	300.0	98373
890-7492-15	SS 504	Soluble	Solid	300.0	98373
890-7492-16	SS 398	Soluble	Solid	300.0	98373
890-7492-17	SS 183	Soluble	Solid	300.0	98373
890-7492-18	SS 200	Soluble	Solid	300.0	98373
890-7492-19	SS 435	Soluble	Solid	300.0	98373
890-7492-20	SS 477	Soluble	Solid	300.0	98373
890-7492-21	SS 176	Soluble	Solid	300.0	98373
890-7492-22	SS 138	Soluble	Solid	300.0	98373
890-7492-23	SS 420	Soluble	Solid	300.0	98373
MB 880-98373/1-A	Method Blank	Soluble	Solid	300.0	98373
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	300.0	98373
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98373
890-7492-20 MS	SS 477	Soluble	Solid	300.0	98373
890-7492-20 MSD	SS 477	Soluble	Solid	300.0	98373

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01

Date Collected: 12/19/24 08:20

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 11:51
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		5	98350	MNR	EET MID	12/20/24 13:55
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:55
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		20	98376	CH	EET MID	12/20/24 10:49

Client Sample ID: SS 20

Date Collected: 12/19/24 08:36

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:15
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:15
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 10:58

Client Sample ID: SS 64

Date Collected: 12/19/24 08:47

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 12:33
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:33
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 09:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 09:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:54

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Date Collected: 12/19/24 08:53

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:36
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:36
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:24
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:24
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:30

Client Sample ID: SS 262

Date Collected: 12/19/24 08:59

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		50	98350	MNR	EET MID	12/20/24 13:14
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:14
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:38
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:38
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:48

Client Sample ID: SS 320

Date Collected: 12/19/24 09:04

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		25	98350	MNR	EET MID	12/20/24 13:34
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:34
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:53
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:53
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:59

Client Sample ID: SS 488

Date Collected: 12/19/24 09:12

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		100	98351	MNR	EET MID	12/20/24 12:24
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:24

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:08
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:08
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:06

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 12:45
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:45
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:25
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:25
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:11

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:05
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:05
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:17

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:25
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:25
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:54
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:54

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:23

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:46
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:46
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:29

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 14:06
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:06
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:36

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 11:49
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 11:49
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:43

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Date Collected: 12/19/24 11:19

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:10
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:10
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:00
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:00
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:50

Client Sample ID: SS 504

Date Collected: 12/19/24 11:40

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		10	98353	MNR	EET MID	12/20/24 13:32
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:32
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:15
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:15
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:12

Client Sample ID: SS 398

Date Collected: 12/19/24 11:27

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:30
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:30
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:31
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:31
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:19

Client Sample ID: SS 183

Date Collected: 12/19/24 11:44

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:51
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:51

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:47
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:47
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:26

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 13:11
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:11
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:03
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:03
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:33

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:07
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:07
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:20
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:20
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:40

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:27
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:27
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:36
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:36

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:48

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		10	98352	MNR	EET MID	12/20/24 13:28
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:28
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:52
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:52
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:09

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:48
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:48
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 14:07
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 14:07
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 10:16

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 13:08
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:08
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98404	EL	EET MID	12/19/24 21:32
Total/NA	Analysis	8015B NM		1	98430	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:38

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7492-1	SS 01	Solid	12/19/24 08:20	12/19/24 15:45	- SURFACE
890-7492-2	SS 20	Solid	12/19/24 08:36	12/19/24 15:45	- SURFACE
890-7492-3	SS 64	Solid	12/19/24 08:47	12/19/24 15:45	- SURFACE
890-7492-4	SS 80	Solid	12/19/24 08:53	12/19/24 15:45	- SURFACE
890-7492-5	SS 262	Solid	12/19/24 08:59	12/19/24 15:45	- SURFACE
890-7492-6	SS 320	Solid	12/19/24 09:04	12/19/24 15:45	- SURFACE
890-7492-7	SS 488	Solid	12/19/24 09:12	12/19/24 15:45	- SURFACE
890-7492-8	SS 46	Solid	12/19/24 10:15	12/19/24 15:45	- SURFACE
890-7492-9	SS 107	Solid	12/19/24 10:22	12/19/24 15:45	- SURFACE
890-7492-10	SS 290	Solid	12/19/24 10:30	12/19/24 15:45	- SURFACE
890-7492-11	SS 339	Solid	12/19/24 10:37	12/19/24 15:45	- SURFACE
890-7492-12	SS 495	Solid	12/19/24 10:44	12/19/24 15:45	- SURFACE
890-7492-13	SS 129	Solid	12/19/24 11:07	12/19/24 15:45	- SURFACE
890-7492-14	SS 154	Solid	12/19/24 11:19	12/19/24 15:45	- SURFACE
890-7492-15	SS 504	Solid	12/19/24 11:40	12/19/24 15:45	- SURFACE
890-7492-16	SS 398	Solid	12/19/24 11:27	12/19/24 15:45	- SURFACE
890-7492-17	SS 183	Solid	12/19/24 11:44	12/19/24 15:45	- SURFACE
890-7492-18	SS 200	Solid	12/19/24 11:49	12/19/24 15:45	- SURFACE
890-7492-19	SS 435	Solid	12/19/24 11:53	12/19/24 15:45	- SURFACE
890-7492-20	SS 477	Solid	12/19/24 12:02	12/19/24 15:45	- SURFACE
890-7492-21	SS 176	Solid	12/19/24 12:07	12/19/24 15:45	- SURFACE
890-7492-22	SS 138	Solid	12/19/24 12:17	12/19/24 15:45	- SURFACE
890-7492-23	SS 420	Solid	12/19/24 12:22	12/19/24 15:45	- SURFACE



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
 Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
 EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
 Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 1 of 3

Project Manager: <u>Michael Wicker</u>		Bill to: (if different)		<u>CDH Consulting</u>	
Company Name: <u>Certo</u>		Company Name:		Program: ☐ PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
Address:		Address:		State of Project:	
City, State ZIP:		City, State ZIP:		Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Phone: <u>616-970-8459</u>		Email: <u>mwicker@cdhconsult.com</u>		Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name: <u>Close Encounter 30114</u>		Turn Around		Preservative Codes	
		☐ Routine	☒ Rush	None: NO	DI Water: H ₂ O
Project Number:		Due Date: <u>12-20-2024</u>		Cool: Cool	MeOH: Me
Project Location: <u>Buckeye, NM</u>		TAT starts the day received by the lab, if received by 4:30pm		HCL: HC	HNO ₃
Sampler's Name: <u>Dakotah Cueto</u>				H ₂ SO ₄ : H ₂	NaOH: Na
PO #:				H ₃ PO ₄ : HP	

SAMPLE RECEIPT		Temp Blank:		Wet Ice:		Thermometer ID:		Correction Factor:		Temperature Reading:		Corrected Temperature:	
Yes	No	Yes	No	Yes	No								
☒	☒	☒	☒	☒	☒	<u>-0.2</u>		<u>5.8</u>		<u>5.0</u>			
Samples Received Intact: <u>Turner</u>													
Cooler Custody Seals: <u>N/A</u>													
Sample Custody Seals: <u>N/A</u>													
Total Containers: <u>5.0</u>													

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters	Free Code	ANALYSIS REQUEST	Preservative Codes	Sample Comments
SS01	S	12-19-24	08:20	Surf	C	1					
SS20	S		08:36		C	1					
SS64	S		08:47		C	1					
SS80	S		08:53		C	1					
SS262	S		08:59		C	1					
SS320	S		09:04		C	1					
SS488	S		09:12		C	1					
SS46	S		10:15		C	1					
SS107	S		10:22		C	1					
SS290	S		10:30		C	1					

990-7492 Chain of Custody

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
 Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471**

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>Dakotah Cueto</u>	<u>[Signature]</u>	<u>12/19 1545</u>			

Chain of Custody



Environment Testing

Work Order No:

Page 2 of 3

Little Rock, AR (501) 224-5060

Project Manager:	Michael Wicker						Bill To: (if different)									
Company Name:	CARTO						Company Name:									
Address:							Address:									
City, State ZIP:							City, State ZIP:									
Phone:	belle-970-8459						Email:	MWicker@ednconsult.com								
Project Name:	Close Encounters 301H						Turn Around									
Project Number:							☐ Routine ☒ Rush									
Project Location:	Buckeye, NM						Due Date:	12-20-2024								
Sampler's Name:	Dakotah Cueto						TAT starts the day received by the lab, if received by 4:30pm									
PO #:																
SAMPLE RECEIPT		Temp Blank:		Yes	No	Wet Ice:	Yes	No	Parameters				Pes.	Code		
Samples Received Intact:		Yes	No	Thermometer ID:												
Cooler Custody Seals:		Yes	No	N/A	Correction Factor:											
Sample Custody Seals:		Yes	No	N/A	Temperature Reading:											
Total Containers:		Corrected Temperature:														
Sample Identification								Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont			
SS339								S	12/19/24	10:37	Surf	C	1	/		
SS495								S	{	10:44	{	C	1	/		
SS129								S	{	11:07	{	C	1	/		
SS154								S	{	11:19	{	C	1	/		
SS504								S	{	11:40	{	C	1	/		
SS398								S	{	11:27	{	C	1	/		
SS183								S	{	11:44	{	C	1	/		
SS200								S	{	11:49	{	C	1	/		
SS435								S	{	11:53	{	C	1	/		
SS477								S	{	12:03	{	C	1	/		

NOTES: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$88.00 will be applied to each prolect and a charge of \$2 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	<i>Dakota West</i>		2			
3			4			
5			6			

Reviewed Date: 08/25/2020 Rev: 2020 2



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 382-7550, Carlsbad, NM (575) 988-3499
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

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[illegible]

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Source: Eurofins Midland

List Number: 2

List Creation: 12/19/24 09:21 PM

Creator: Laing, Edmundo

Question	Answer	Comment
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time (excluding tests with immediate HTs)		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").		



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ANALYTICAL REPORT

PREPARED FOR

Attn: Michael Wicker
CDH Consulting
9446 Clermont St,
Thornton, Colorado 80229
Generated 12/20/2024 3:02:55 PM

JOB DESCRIPTION

CLOSE ENCOUNTER 301 H
BUCKEYE

JOB NUMBER

890-7492-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

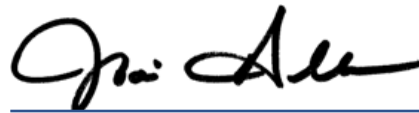
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
12/20/2024 3:02:55 PM

Authorized for release by
Jodi Allen, Project Manager I
Jodi.Allen@et.eurofinsus.com
(281)520-2865

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Laboratory Job ID: 890-7492-1
SDG: BUCKEYE

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Definitions/Glossary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1

Eurofins Carlsbad

Job Narrative 890-7492-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 12/19/2024 3:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 64 (890-7492-3), SS 80 (890-7492-4), SS 262 (890-7492-5), SS 320 (890-7492-6), SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11), SS 495 (890-7492-12), SS 129 (890-7492-13), SS 154 (890-7492-14), SS 504 (890-7492-15), SS 398 (890-7492-16), SS 183 (890-7492-17), SS 200 (890-7492-18), SS 435 (890-7492-19), SS 477 (890-7492-20), SS 176 (890-7492-21), SS 138 (890-7492-22) and SS 420 (890-7492-23).

GC VOA

Method 8021B: The following samples were diluted due to physical characteristics such as color, odor, appearance, viscosity, etc. >>: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 80 (890-7492-4), SS 262 (890-7492-5) and SS 320 (890-7492-6). Elevated reporting limits (RL) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 01 (890-7492-1), SS 20 (890-7492-2) and SS 64 (890-7492-3). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 398 (890-7492-16) and SS 200 (890-7492-18). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SS 176 (890-7492-21). Evidence of matrix interferences is not obvious.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11) and SS 495 (890-7492-12). Elevated reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 46 (890-7492-8), SS 290 (890-7492-10) and SS 495 (890-7492-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: SS 504 (890-7492-15). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-98402/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98402 and analytical batch 880-98425 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within

Eurofins Carlsbad

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1 (Continued)

Eurofins Carlsbad

acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SS 262 (890-7492-5). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Due to the high concentration of Diesel Range Organics (Over C10-C28), the matrix spike (MS) for preparation batch 880-98403 and analytical batch 880-98427 could not be evaluated for accuracy. The associated matrix spike duplicate (MSD) met acceptance criteria.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SS 477 (890-7492-20), (LCS 880-98403/2-A) and (LCSD 880-98403/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The method blank for preparation batch 880-98404 and analytical batch 880-98430 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-98404/2-A) and (LCSD 880-98404/3-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-98404 and analytical batch 880-98430 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The laboratory control sample (LCS) for preparation batch 880-98403 and analytical batch 880-98427 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10. Since only an acceptable LCSD is required per the method, the LCSD shows recovery for the batch and the data has been qualified and reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98374 and analytical batch 880-98376 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01

Lab Sample ID: 890-7492-1

Date Collected: 12/19/24 08:20

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0101	U	0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Ethylbenzene	0.0947		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Toluene	0.0306		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Xylenes, Total	1.81		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
m-Xylene & p-Xylene	0.0449		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
o-Xylene	1.77		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 11:51	20
1,4-Difluorobenzene (Surr)	124		70 - 130	12/20/24 08:24	12/20/24 11:51	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.94		0.0202		mg/Kg			12/20/24 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	287		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	287		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	12/19/24 21:26	12/20/24 12:09	1
o-Terphenyl	86		70 - 130	12/19/24 21:26	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17600		199		mg/Kg			12/20/24 10:49	20

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Ethylbenzene	0.0420		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Toluene	0.0216		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Xylenes, Total	0.350		0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
m-Xylene & p-Xylene	<0.0401	U	0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
o-Xylene	0.350		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	12/20/24 08:24	12/20/24 14:15	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	136	S1+	70 - 130	12/20/24 08:24	12/20/24 14:15	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.414		0.0401		mg/Kg			12/20/24 14:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	110		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	110		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				12/19/24 21:26	12/20/24 12:23	1
o-Terphenyl	77		70 - 130				12/19/24 21:26	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300	F1	49.9		mg/Kg			12/20/24 10:58	5

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Ethylbenzene	0.242		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Toluene	0.0581		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Xylenes, Total	0.781		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
m-Xylene & p-Xylene	0.189		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
o-Xylene	0.592		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20
1,4-Difluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.08		0.0795		mg/Kg			12/20/24 12:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	631		50.0		mg/Kg			12/20/24 09:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Diesel Range Organics (Over C10-C28)	631	F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 09:40	1
o-Terphenyl	78		70 - 130				12/19/24 21:28	12/20/24 09:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3110		50.2		mg/Kg			12/20/24 11:54	5

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Ethylbenzene	0.0344		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Toluene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Xylenes, Total	0.680		0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
m-Xylene & p-Xylene	<0.0399	U	0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
o-Xylene	0.680		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				12/20/24 08:24	12/20/24 14:36	10
1,4-Difluorobenzene (Surr)	106		70 - 130				12/20/24 08:24	12/20/24 14:36	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.714		0.0399		mg/Kg			12/20/24 14:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	188		50.0		mg/Kg			12/20/24 10:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Diesel Range Organics (Over C10-C28)	188		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				12/19/24 21:28	12/20/24 10:24	1
o-Terphenyl	74		70 - 130				12/19/24 21:28	12/20/24 10:24	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3070		100		mg/Kg			12/20/24 11:30	10

Client Sample ID: SS 262

Lab Sample ID: 890-7492-5

Date Collected: 12/19/24 08:59

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Ethylbenzene	0.966		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Toluene	0.415		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Xylenes, Total	1.51		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
m-Xylene & p-Xylene	0.756		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
o-Xylene	0.754		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				12/20/24 08:24	12/20/24 13:14	50
1,4-Difluorobenzene (Surr)	122		70 - 130				12/20/24 08:24	12/20/24 13:14	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.89		0.202		mg/Kg			12/20/24 13:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	463		50.0		mg/Kg			12/20/24 10:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Diesel Range Organics (Over C10-C28)	463		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				12/19/24 21:28	12/20/24 10:38	1
o-Terphenyl	69	S1-	70 - 130				12/19/24 21:28	12/20/24 10:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4470		99.4		mg/Kg			12/20/24 11:48	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 320

Lab Sample ID: 890-7492-6

Date Collected: 12/19/24 09:04

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0503	U	0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Ethylbenzene	0.537		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Toluene	0.125		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Xylenes, Total	1.20		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
m-Xylene & p-Xylene	0.454		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
o-Xylene	0.746		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	12/20/24 08:24	12/20/24 13:34	25
1,4-Difluorobenzene (Surr)	126		70 - 130	12/20/24 08:24	12/20/24 13:34	25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.86		0.101		mg/Kg			12/20/24 13:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	876		49.7		mg/Kg			12/20/24 10:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Diesel Range Organics (Over C10-C28)	876		49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130	12/19/24 21:28	12/20/24 10:53	1
o-Terphenyl	75		70 - 130	12/19/24 21:28	12/20/24 10:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3410		49.8		mg/Kg			12/20/24 11:59	5

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.199	U	0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Ethylbenzene	1.92		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Toluene	0.602		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Xylenes, Total	3.04		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
m-Xylene & p-Xylene	1.78		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
o-Xylene	1.26		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	12/20/24 08:27	12/20/24 12:24	100

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	100		70 - 130	12/20/24 08:27	12/20/24 12:24	100

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	5.56		0.398		mg/Kg			12/20/24 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2500		49.8		mg/Kg			12/20/24 11:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.7		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Diesel Range Organics (Over C10-C28)	2410		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:08	1
o-Terphenyl	95		70 - 130				12/19/24 21:28	12/20/24 11:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3680		49.6		mg/Kg			12/20/24 12:06	5

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.11		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Ethylbenzene	9.28		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Toluene	7.96		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Xylenes, Total	10.9		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
m-Xylene & p-Xylene	6.88		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
o-Xylene	4.05		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130	12/20/24 08:27	12/20/24 12:45	50
1,4-Difluorobenzene (Surr)	94		70 - 130	12/20/24 08:27	12/20/24 12:45	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	29.3		0.200		mg/Kg			12/20/24 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1330		49.9		mg/Kg			12/20/24 11:25	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	95.0		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Diesel Range Organics (Over C10-C28)	1230		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:25	1
o-Terphenyl	81		70 - 130				12/19/24 21:28	12/20/24 11:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5420		101		mg/Kg			12/20/24 12:11	10

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Ethylbenzene	1.52		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Toluene	0.807		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Xylenes, Total	4.70		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
m-Xylene & p-Xylene	3.88		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
o-Xylene	0.815		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				12/20/24 08:27	12/20/24 13:05	50
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:27	12/20/24 13:05	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	7.02		0.202		mg/Kg			12/20/24 13:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	60.0		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Diesel Range Organics (Over C10-C28)	1450		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:40	1
o-Terphenyl	86		70 - 130				12/19/24 21:28	12/20/24 11:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5250		99.4		mg/Kg			12/20/24 12:17	10

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.151		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Ethylbenzene	3.30		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Toluene	1.75		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Xylenes, Total	4.33		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
m-Xylene & p-Xylene	2.60		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
o-Xylene	1.73		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:27	12/20/24 13:25	50
1,4-Difluorobenzene (Surr)	100		70 - 130				12/20/24 08:27	12/20/24 13:25	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	9.53		0.201		mg/Kg			12/20/24 13:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2470		49.8		mg/Kg			12/20/24 11:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	129		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Diesel Range Organics (Over C10-C28)	2340		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				12/19/24 21:28	12/20/24 11:54	1
o-Terphenyl	105		70 - 130				12/19/24 21:28	12/20/24 11:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5400		99.8		mg/Kg			12/20/24 12:23	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.106		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Ethylbenzene	3.81		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Toluene	1.12		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Xylenes, Total	5.28		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
m-Xylene & p-Xylene	3.48		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
o-Xylene	1.80		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	12/20/24 08:27	12/20/24 13:46	50
1,4-Difluorobenzene (Surr)	99		70 - 130	12/20/24 08:27	12/20/24 13:46	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	10.3		0.200		mg/Kg			12/20/24 13:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3950		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	154		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	3800		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	12/19/24 21:28	12/20/24 12:09	1
o-Terphenyl	121		70 - 130	12/19/24 21:28	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4280		49.9		mg/Kg			12/20/24 12:29	5

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0994	U	0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Ethylbenzene	5.40		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Toluene	1.34		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Xylenes, Total	7.57		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
m-Xylene & p-Xylene	4.90		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
o-Xylene	2.67		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130	12/20/24 08:27	12/20/24 14:06	50

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	12/20/24 08:27	12/20/24 14:06	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	14.3		0.199		mg/Kg			12/20/24 14:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3070		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	177		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	2890		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:28	12/20/24 12:23	1
o-Terphenyl	108		70 - 130				12/19/24 21:28	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3660		49.6		mg/Kg			12/20/24 08:36	5

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Ethylbenzene	0.0238		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Toluene	0.00837		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Xylenes, Total	0.0306		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
m-Xylene & p-Xylene	0.0204		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
o-Xylene	0.0102		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	12/20/24 08:33	12/20/24 11:49	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/20/24 08:33	12/20/24 11:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0628		0.00404		mg/Kg			12/20/24 11:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	538		49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Diesel Range Organics (Over C10-C28)	538	F1	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 11:11	1
o-Terphenyl	79		70 - 130				12/19/24 21:30	12/20/24 11:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3350		50.0		mg/Kg			12/20/24 08:43	5

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Ethylbenzene	0.0475		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Toluene	0.0124		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Xylenes, Total	0.0632		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
m-Xylene & p-Xylene	0.0373		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
o-Xylene	0.0259		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				12/20/24 08:33	12/20/24 12:10	1
1,4-Difluorobenzene (Surr)	93		70 - 130				12/20/24 08:33	12/20/24 12:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.123		0.00401		mg/Kg			12/20/24 12:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2710		49.8		mg/Kg			12/20/24 12:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Diesel Range Organics (Over C10-C28)	2710		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 12:00	1
o-Terphenyl	120		70 - 130				12/19/24 21:30	12/20/24 12:00	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1710		50.3		mg/Kg			12/20/24 08:50	5

Client Sample ID: SS 504

Lab Sample ID: 890-7492-15

Date Collected: 12/19/24 11:40

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Ethylbenzene	0.563		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Toluene	0.173		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Xylenes, Total	0.464		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
m-Xylene & p-Xylene	0.290		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
o-Xylene	0.174		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				12/20/24 08:33	12/20/24 13:32	10
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:33	12/20/24 13:32	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.20		0.0398		mg/Kg			12/20/24 13:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 12:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Diesel Range Organics (Over C10-C28)	1510		50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				12/19/24 21:30	12/20/24 12:15	1
o-Terphenyl	97		70 - 130				12/19/24 21:30	12/20/24 12:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2990		50.0		mg/Kg			12/20/24 09:12	5

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 398

Lab Sample ID: 890-7492-16

Date Collected: 12/19/24 11:27

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0262		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Ethylbenzene	0.199		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Toluene	0.168		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Xylenes, Total	0.269		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
m-Xylene & p-Xylene	0.158		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
o-Xylene	0.111		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	12/20/24 08:33	12/20/24 12:30	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:33	12/20/24 12:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.662		0.00399		mg/Kg			12/20/24 12:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3130		49.9		mg/Kg			12/20/24 12:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.1	*+	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Diesel Range Organics (Over C10-C28)	3040		49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	12/19/24 21:30	12/20/24 12:31	1
o-Terphenyl	120		70 - 130	12/19/24 21:30	12/20/24 12:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2960		50.1		mg/Kg			12/20/24 09:19	5

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Ethylbenzene	0.0487		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Toluene	0.00442		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Xylenes, Total	0.0402		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
m-Xylene & p-Xylene	0.0276		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
o-Xylene	0.0126		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	12/20/24 08:33	12/20/24 12:51	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	75		70 - 130	12/20/24 08:33	12/20/24 12:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0933		0.00404		mg/Kg			12/20/24 12:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	311		49.8		mg/Kg			12/20/24 12:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Diesel Range Organics (Over C10-C28)	311		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				12/19/24 21:30	12/20/24 12:47	1
o-Terphenyl	77		70 - 130				12/19/24 21:30	12/20/24 12:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.8		9.96		mg/Kg			12/20/24 09:26	1

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Ethylbenzene	0.191		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Toluene	0.110		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Xylenes, Total	0.265		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
m-Xylene & p-Xylene	0.156		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
o-Xylene	0.109		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130	12/20/24 08:33	12/20/24 13:11	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 13:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.566		0.00402		mg/Kg			12/20/24 13:11	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2050		49.9		mg/Kg			12/20/24 13:03	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Diesel Range Organics (Over C10-C28)	2050		49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				12/19/24 21:30	12/20/24 13:03	1
o-Terphenyl	106		70 - 130				12/19/24 21:30	12/20/24 13:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	930		10.0		mg/Kg			12/20/24 09:33	1

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Ethylbenzene	0.00665		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Toluene	0.00205		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Xylenes, Total	0.0105		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
m-Xylene & p-Xylene	0.00628		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
o-Xylene	0.00418		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				12/20/24 08:30	12/20/24 12:07	1
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 12:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0192		0.00404		mg/Kg			12/20/24 12:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	601		49.7		mg/Kg			12/20/24 13:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U **	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Diesel Range Organics (Over C10-C28)	601		49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				12/19/24 21:30	12/20/24 13:20	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 13:20	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3030		49.7		mg/Kg			12/20/24 09:40	5

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Xylenes, Total	0.133		0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
o-Xylene	0.133		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				12/20/24 08:30	12/20/24 12:27	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/20/24 08:30	12/20/24 12:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.133		0.00401		mg/Kg			12/20/24 12:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/20/24 13:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 13:36	1
o-Terphenyl	66	S1-	70 - 130				12/19/24 21:30	12/20/24 13:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		10.0		mg/Kg			12/20/24 09:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Ethylbenzene	0.950		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Toluene	0.199		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Xylenes, Total	1.58		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
m-Xylene & p-Xylene	0.943		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
o-Xylene	0.636		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	193	S1+	70 - 130	12/20/24 08:30	12/20/24 13:28	10
1,4-Difluorobenzene (Surr)	104		70 - 130	12/20/24 08:30	12/20/24 13:28	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.73		0.0398		mg/Kg			12/20/24 13:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2110		49.8		mg/Kg			12/20/24 13:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Diesel Range Organics (Over C10-C28)	2110		49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	12/19/24 21:30	12/20/24 13:52	1
o-Terphenyl	112		70 - 130	12/19/24 21:30	12/20/24 13:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	812		9.98		mg/Kg			12/20/24 10:09	1

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Ethylbenzene	0.0120		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Toluene	0.00377		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Xylenes, Total	0.0233		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
m-Xylene & p-Xylene	0.0102		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
o-Xylene	0.0131		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	12/20/24 08:30	12/20/24 12:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130	12/20/24 08:30	12/20/24 12:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0391		0.00399		mg/Kg			12/20/24 12:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	573		49.8		mg/Kg			12/20/24 14:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Diesel Range Organics (Over C10-C28)	573		49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 14:07	1
o-Terphenyl	78		70 - 130				12/19/24 21:30	12/20/24 14:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2650		50.1		mg/Kg			12/20/24 10:16	5

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Xylenes, Total	0.0889		0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
o-Xylene	0.0889		0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	12/20/24 08:30	12/20/24 13:08	1
1,4-Difluorobenzene (Surr)	91		70 - 130	12/20/24 08:30	12/20/24 13:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0889		0.00404		mg/Kg			12/20/24 13:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 420
Date Collected: 12/19/24 12:22
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-23
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	104		70 - 130				12/19/24 21:32	12/20/24 11:11	1	
o-Terphenyl	109		70 - 130				12/19/24 21:32	12/20/24 11:11	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	162		9.94		mg/Kg			12/20/24 10:38	1	

Surrogate Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
890-7492-1	SS 01	131 S1+	124
890-7492-2	SS 20	128	136 S1+
890-7492-3	SS 64	137 S1+	131 S1+
890-7492-4	SS 80	144 S1+	106
890-7492-5	SS 262	125	122
890-7492-6	SS 320	126	126
890-7492-7	SS 488	106	100
890-7492-8	SS 46	171 S1+	94
890-7492-9	SS 107	107	101
890-7492-10	SS 290	131 S1+	100
890-7492-11	SS 339	122	99
890-7492-12	SS 495	139 S1+	104
890-7492-13	SS 129	109	95
890-7492-14	SS 154	99	93
890-7492-15	SS 504	110	94
890-7492-16	SS 398	141 S1+	96
890-7492-17	SS 183	88	75
890-7492-18	SS 200	159 S1+	93
890-7492-19	SS 435	113	104
890-7492-20	SS 477	98	95
890-7492-21	SS 176	193 S1+	104
890-7492-22	SS 138	115	103
890-7492-23	SS 420	95	91
LCS 880-98432/1-A	Lab Control Sample	101	96
LCS 880-98433/1-A	Lab Control Sample	96	103
LCS 880-98434/1-A	Lab Control Sample	107	104
LCS 880-98435/1-A	Lab Control Sample	106	99
LCSD 880-98432/2-A	Lab Control Sample Dup	103	99
LCSD 880-98433/2-A	Lab Control Sample Dup	94	103
LCSD 880-98434/2-A	Lab Control Sample Dup	109	103
LCSD 880-98435/2-A	Lab Control Sample Dup	108	98
MB 880-98432/5-A	Method Blank	112	85
MB 880-98433/5-A	Method Blank	98	96
MB 880-98434/5-A	Method Blank	111	101
MB 880-98435/5-A	Method Blank	92	93
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1	OTPH1
		(70-130)	(70-130)
890-7492-1	SS 01	83	86
890-7492-2	SS 20	76	77
890-7492-3	SS 64	75	78
890-7492-3 MS	SS 64	78	76

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Surrogate Summary

Client: CDH Consulting

Job ID: 890-7492-1

Project/Site: CLOSE ENCOUNTER 301 H

SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-3 MSD	SS 64	77	76
890-7492-4	SS 80	73	74
890-7492-5	SS 262	70	69 S1-
890-7492-6	SS 320	74	75
890-7492-7	SS 488	75	95
890-7492-8	SS 46	75	81
890-7492-9	SS 107	75	86
890-7492-10	SS 290	85	105
890-7492-11	SS 339	84	121
890-7492-12	SS 495	88	108
890-7492-13	SS 129	84	79
890-7492-13 MS	SS 129	80	81
890-7492-13 MSD	SS 129	79	81
890-7492-14	SS 154	84	120
890-7492-15	SS 504	92	97
890-7492-16	SS 398	85	120
890-7492-17	SS 183	87	77
890-7492-18	SS 200	82	106
890-7492-19	SS 435	77	74
890-7492-20	SS 477	81	66 S1-
890-7492-21	SS 176	88	112
890-7492-22	SS 138	81	78
890-7492-23	SS 420	104	109
890-7492-23 MS	SS 420	92	99
890-7492-23 MSD	SS 420	92	99
LCS 880-98401/2-A	Lab Control Sample	118	102
LCS 880-98402/2-A	Lab Control Sample	121	104
LCS 880-98403/2-A	Lab Control Sample	136 S1+	123
LCS 880-98404/2-A	Lab Control Sample	158 S1+	172 S1+
LCSD 880-98401/3-A	Lab Control Sample Dup	110	95
LCSD 880-98402/3-A	Lab Control Sample Dup	145 S1+	123
LCSD 880-98403/3-A	Lab Control Sample Dup	133 S1+	120
LCSD 880-98404/3-A	Lab Control Sample Dup	166 S1+	175 S1+
MB 880-98401/1-A	Method Blank	81	80
MB 880-98402/1-A	Method Blank	75	75
MB 880-98403/1-A	Method Blank	91	74
MB 880-98404/1-A	Method Blank	93	96
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-98432/5-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	12/20/24 08:24	12/20/24 11:08	1
1,4-Difluorobenzene (Surr)	85		70 - 130	12/20/24 08:24	12/20/24 11:08	1

Lab Sample ID: LCS 880-98432/1-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1137		mg/Kg		114	70 - 130
Ethylbenzene	0.100	0.1107		mg/Kg		111	70 - 130
Toluene	0.100	0.1082		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2221		mg/Kg		111	70 - 130
o-Xylene	0.100	0.1128		mg/Kg		113	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-98432/2-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1182		mg/Kg		118	70 - 130	4	35
Ethylbenzene	0.100	0.1145		mg/Kg		114	70 - 130	3	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2282		mg/Kg		114	70 - 130	3	35
o-Xylene	0.100	0.1165		mg/Kg		117	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	12/20/24 08:27	12/20/24 11:02	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:27	12/20/24 11:02	1

Lab Sample ID: LCS 880-98433/1-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1001		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09410		mg/Kg		94	70 - 130
Toluene	0.100	0.09371		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1885		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09536		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-98433/2-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1048		mg/Kg		105	70 - 130	5	35
Ethylbenzene	0.100	0.09886		mg/Kg		99	70 - 130	5	35
Toluene	0.100	0.09817		mg/Kg		98	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1969		mg/Kg		98	70 - 130	4	35
o-Xylene	0.100	0.09974		mg/Kg		100	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	111		70 - 130	12/20/24 08:30	12/20/24 11:25	1
1,4-Difluorobenzene (Surr)	101		70 - 130	12/20/24 08:30	12/20/24 11:25	1

Lab Sample ID: LCS 880-98434/1-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.1149		mg/Kg		115	70 - 130
Ethylbenzene	0.100	0.1100		mg/Kg		110	70 - 130
Toluene	0.100	0.1116		mg/Kg		112	70 - 130
m-Xylene & p-Xylene	0.200	0.2234		mg/Kg		112	70 - 130
o-Xylene	0.100	0.1142		mg/Kg		114	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: LCSD 880-98434/2-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.1162		mg/Kg		116	70 - 130	1	35
Ethylbenzene	0.100	0.1102		mg/Kg		110	70 - 130	0	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2247		mg/Kg		112	70 - 130	1	35
o-Xylene	0.100	0.1148		mg/Kg		115	70 - 130	1	35

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-98435/5-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98435

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	12/20/24 08:33	12/20/24 11:07	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 11:07	1

Lab Sample ID: LCS 880-98435/1-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1025		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.1037		mg/Kg		104	70 - 130
Toluene	0.100	0.1077		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2015		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1117		mg/Kg		112	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-98435/2-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1068		mg/Kg		107	70 - 130	4	35
Ethylbenzene	0.100	0.1065		mg/Kg		107	70 - 130	3	35
Toluene	0.100	0.1103		mg/Kg		110	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2041		mg/Kg		102	70 - 130	1	35
o-Xylene	0.100	0.1136		mg/Kg		114	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-98401/1-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98401

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130	12/19/24 21:26	12/20/24 00:11	1
o-Terphenyl	80		70 - 130	12/19/24 21:26	12/20/24 00:11	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98401/2-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98401

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1058		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	960.9		mg/Kg		96	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	118		70 - 130				
o-Terphenyl	102		70 - 130				

Lab Sample ID: LCSD 880-98401/3-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98401

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1005		mg/Kg		101	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	903.5		mg/Kg		90	70 - 130	6	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	110		70 - 130						
o-Terphenyl	95		70 - 130						

Lab Sample ID: MB 880-98402/1-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98402

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1-Chlorooctane	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	
o-Terphenyl	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	

Lab Sample ID: LCS 880-98402/2-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1061		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1028		mg/Kg		103	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98402/2-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98402

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: LCSD 880-98402/3-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1288		mg/Kg		129	70 - 130	19	20
Diesel Range Organics (Over C10-C28)	1000	1231		mg/Kg		123	70 - 130	18	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	145	S1+	70 - 130
o-Terphenyl	123		70 - 130

Lab Sample ID: 890-7492-3 MS

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: SS 64

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	665.3	F1	mg/Kg		67	70 - 130
Diesel Range Organics (Over C10-C28)	631	F1	998	1155	F1	mg/Kg		53	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	78		70 - 130
o-Terphenyl	76		70 - 130

Lab Sample ID: 890-7492-3 MSD

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: SS 64

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	660.4	F1	mg/Kg		66	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	631	F1	998	1141	F1	mg/Kg		51	70 - 130	1	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	77		70 - 130
o-Terphenyl	76		70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-98403/1-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98403

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				12/19/24 21:30	12/20/24 09:12	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 09:12	1

Lab Sample ID: LCS 880-98403/2-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1333	*+	mg/Kg		133	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1178		mg/Kg		118	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	136	S1+	70 - 130				
o-Terphenyl	123		70 - 130				

Lab Sample ID: LCSD 880-98403/3-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1180		mg/Kg		118	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	1000	1166		mg/Kg		117	70 - 130	1	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	133	S1+	70 - 130						
o-Terphenyl	120		70 - 130						

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	997	729.6		mg/Kg		73	70 - 130
Diesel Range Organics (Over C10-C28)	538	F1	997	1207	F1	mg/Kg		67	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	80		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: 890-7492-13 MSD

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	997	855.4		mg/Kg		86	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	538	F1	997	1282		mg/Kg		75	70 - 130	6	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	79		70 - 130								
o-Terphenyl	81		70 - 130								

Lab Sample ID: MB 880-98404/1-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98404

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				12/19/24 21:32	12/20/24 09:12	1
o-Terphenyl	96		70 - 130				12/19/24 21:32	12/20/24 09:12	1

Lab Sample ID: LCS 880-98404/2-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1398	*+	mg/Kg		140	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1468	*+	mg/Kg		147	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	158	S1+	70 - 130				
o-Terphenyl	172	S1+	70 - 130				

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-98404/3-A
Matrix: Solid
Analysis Batch: 98430

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98404

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1465	*+	mg/Kg		147	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	1590	*+	mg/Kg		159	70 - 130	8	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	166	S1+	70 - 130						
o-Terphenyl	175	S1+	70 - 130						

Lab Sample ID: 890-7492-23 MS
Matrix: Solid
Analysis Batch: 98430

Client Sample ID: SS 420
Prep Type: Total/NA
Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	781.1		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	867.3		mg/Kg		84	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Lab Sample ID: 890-7492-23 MSD
Matrix: Solid
Analysis Batch: 98430

Client Sample ID: SS 420
Prep Type: Total/NA
Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	804.1		mg/Kg		80	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	863.1		mg/Kg		84	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-98374/1-A
Matrix: Solid
Analysis Batch: 98376

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 08:34	1

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-98374/2-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.6		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-98374/3-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	245.0		mg/Kg		98	90 - 110	2	20

Lab Sample ID: 890-7492-2 MS

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1300	F1	1250	3073	F1	mg/Kg		142	90 - 110

Lab Sample ID: 890-7492-2 MSD

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1300	F1	1250	3070	F1	mg/Kg		142	90 - 110	0	20

Lab Sample ID: MB 880-98373/1-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 03:00	1

Lab Sample ID: LCS 880-98373/2-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	258.6		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-98373/3-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	257.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-7492-20 MS

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: SS 477

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	126		257	387.5		mg/Kg		102	90 - 110

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-7492-20 MSD							Client Sample ID: SS 477					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 98377												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	126		248	372.8		mg/Kg		100	90 - 110	4	20	

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA

Analysis Batch: 98350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-2	SS 20	Total/NA	Solid	8021B	98432
890-7492-3	SS 64	Total/NA	Solid	8021B	98432
890-7492-4	SS 80	Total/NA	Solid	8021B	98432
890-7492-5	SS 262	Total/NA	Solid	8021B	98432
890-7492-6	SS 320	Total/NA	Solid	8021B	98432
MB 880-98432/5-A	Method Blank	Total/NA	Solid	8021B	98432
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	8021B	98432
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98432

Analysis Batch: 98351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	8021B	98433
890-7492-8	SS 46	Total/NA	Solid	8021B	98433
890-7492-9	SS 107	Total/NA	Solid	8021B	98433
890-7492-10	SS 290	Total/NA	Solid	8021B	98433
890-7492-11	SS 339	Total/NA	Solid	8021B	98433
890-7492-12	SS 495	Total/NA	Solid	8021B	98433
MB 880-98433/5-A	Method Blank	Total/NA	Solid	8021B	98433
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	8021B	98433
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98433

Analysis Batch: 98352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	8021B	98434
890-7492-20	SS 477	Total/NA	Solid	8021B	98434
890-7492-21	SS 176	Total/NA	Solid	8021B	98434
890-7492-22	SS 138	Total/NA	Solid	8021B	98434
890-7492-23	SS 420	Total/NA	Solid	8021B	98434
MB 880-98434/5-A	Method Blank	Total/NA	Solid	8021B	98434
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	8021B	98434
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98434

Analysis Batch: 98353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8021B	98435
890-7492-14	SS 154	Total/NA	Solid	8021B	98435
890-7492-15	SS 504	Total/NA	Solid	8021B	98435
890-7492-16	SS 398	Total/NA	Solid	8021B	98435
890-7492-17	SS 183	Total/NA	Solid	8021B	98435
890-7492-18	SS 200	Total/NA	Solid	8021B	98435
MB 880-98435/5-A	Method Blank	Total/NA	Solid	8021B	98435
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	8021B	98435
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98435

Prep Batch: 98432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	5035	
890-7492-2	SS 20	Total/NA	Solid	5035	
890-7492-3	SS 64	Total/NA	Solid	5035	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Prep Batch: 98432 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-4	SS 80	Total/NA	Solid	5035	
890-7492-5	SS 262	Total/NA	Solid	5035	
890-7492-6	SS 320	Total/NA	Solid	5035	
MB 880-98432/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	5035	
890-7492-8	SS 46	Total/NA	Solid	5035	
890-7492-9	SS 107	Total/NA	Solid	5035	
890-7492-10	SS 290	Total/NA	Solid	5035	
890-7492-11	SS 339	Total/NA	Solid	5035	
890-7492-12	SS 495	Total/NA	Solid	5035	
MB 880-98433/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	5035	
890-7492-20	SS 477	Total/NA	Solid	5035	
890-7492-21	SS 176	Total/NA	Solid	5035	
890-7492-22	SS 138	Total/NA	Solid	5035	
890-7492-23	SS 420	Total/NA	Solid	5035	
MB 880-98434/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	5035	
890-7492-14	SS 154	Total/NA	Solid	5035	
890-7492-15	SS 504	Total/NA	Solid	5035	
890-7492-16	SS 398	Total/NA	Solid	5035	
890-7492-17	SS 183	Total/NA	Solid	5035	
890-7492-18	SS 200	Total/NA	Solid	5035	
MB 880-98435/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 98498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	Total BTEX	
890-7492-2	SS 20	Total/NA	Solid	Total BTEX	
890-7492-3	SS 64	Total/NA	Solid	Total BTEX	
890-7492-4	SS 80	Total/NA	Solid	Total BTEX	
890-7492-5	SS 262	Total/NA	Solid	Total BTEX	
890-7492-6	SS 320	Total/NA	Solid	Total BTEX	
890-7492-7	SS 488	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Analysis Batch: 98498 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-8	SS 46	Total/NA	Solid	Total BTEX	
890-7492-9	SS 107	Total/NA	Solid	Total BTEX	
890-7492-10	SS 290	Total/NA	Solid	Total BTEX	
890-7492-11	SS 339	Total/NA	Solid	Total BTEX	
890-7492-12	SS 495	Total/NA	Solid	Total BTEX	
890-7492-13	SS 129	Total/NA	Solid	Total BTEX	
890-7492-14	SS 154	Total/NA	Solid	Total BTEX	
890-7492-15	SS 504	Total/NA	Solid	Total BTEX	
890-7492-16	SS 398	Total/NA	Solid	Total BTEX	
890-7492-17	SS 183	Total/NA	Solid	Total BTEX	
890-7492-18	SS 200	Total/NA	Solid	Total BTEX	
890-7492-19	SS 435	Total/NA	Solid	Total BTEX	
890-7492-20	SS 477	Total/NA	Solid	Total BTEX	
890-7492-21	SS 176	Total/NA	Solid	Total BTEX	
890-7492-22	SS 138	Total/NA	Solid	Total BTEX	
890-7492-23	SS 420	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 98401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015NM Prep	
890-7492-2	SS 20	Total/NA	Solid	8015NM Prep	
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 98402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-4	SS 80	Total/NA	Solid	8015NM Prep	
890-7492-5	SS 262	Total/NA	Solid	8015NM Prep	
890-7492-6	SS 320	Total/NA	Solid	8015NM Prep	
890-7492-7	SS 488	Total/NA	Solid	8015NM Prep	
890-7492-8	SS 46	Total/NA	Solid	8015NM Prep	
890-7492-9	SS 107	Total/NA	Solid	8015NM Prep	
890-7492-10	SS 290	Total/NA	Solid	8015NM Prep	
890-7492-11	SS 339	Total/NA	Solid	8015NM Prep	
890-7492-12	SS 495	Total/NA	Solid	8015NM Prep	
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-3 MS	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-3 MSD	SS 64	Total/NA	Solid	8015NM Prep	

Prep Batch: 98403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-14	SS 154	Total/NA	Solid	8015NM Prep	
890-7492-15	SS 504	Total/NA	Solid	8015NM Prep	
890-7492-16	SS 398	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Prep Batch: 98403 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-17	SS 183	Total/NA	Solid	8015NM Prep	
890-7492-18	SS 200	Total/NA	Solid	8015NM Prep	
890-7492-19	SS 435	Total/NA	Solid	8015NM Prep	
890-7492-20	SS 477	Total/NA	Solid	8015NM Prep	
890-7492-21	SS 176	Total/NA	Solid	8015NM Prep	
890-7492-22	SS 138	Total/NA	Solid	8015NM Prep	
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-13 MS	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-13 MSD	SS 129	Total/NA	Solid	8015NM Prep	

Prep Batch: 98404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015NM Prep	
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-23 MS	SS 420	Total/NA	Solid	8015NM Prep	
890-7492-23 MSD	SS 420	Total/NA	Solid	8015NM Prep	

Analysis Batch: 98423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015B NM	98401
890-7492-2	SS 20	Total/NA	Solid	8015B NM	98401
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015B NM	98401
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98401
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98401

Analysis Batch: 98425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-4	SS 80	Total/NA	Solid	8015B NM	98402
890-7492-5	SS 262	Total/NA	Solid	8015B NM	98402
890-7492-6	SS 320	Total/NA	Solid	8015B NM	98402
890-7492-7	SS 488	Total/NA	Solid	8015B NM	98402
890-7492-8	SS 46	Total/NA	Solid	8015B NM	98402
890-7492-9	SS 107	Total/NA	Solid	8015B NM	98402
890-7492-10	SS 290	Total/NA	Solid	8015B NM	98402
890-7492-11	SS 339	Total/NA	Solid	8015B NM	98402
890-7492-12	SS 495	Total/NA	Solid	8015B NM	98402
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015B NM	98402
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98402
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98402
890-7492-3 MS	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-3 MSD	SS 64	Total/NA	Solid	8015B NM	98402

Analysis Batch: 98427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-14	SS 154	Total/NA	Solid	8015B NM	98403

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Analysis Batch: 98427 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-15	SS 504	Total/NA	Solid	8015B NM	98403
890-7492-16	SS 398	Total/NA	Solid	8015B NM	98403
890-7492-17	SS 183	Total/NA	Solid	8015B NM	98403
890-7492-18	SS 200	Total/NA	Solid	8015B NM	98403
890-7492-19	SS 435	Total/NA	Solid	8015B NM	98403
890-7492-20	SS 477	Total/NA	Solid	8015B NM	98403
890-7492-21	SS 176	Total/NA	Solid	8015B NM	98403
890-7492-22	SS 138	Total/NA	Solid	8015B NM	98403
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015B NM	98403
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98403
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98403
890-7492-13 MS	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-13 MSD	SS 129	Total/NA	Solid	8015B NM	98403

Analysis Batch: 98430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015B NM	98404
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015B NM	98404
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98404
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98404
890-7492-23 MS	SS 420	Total/NA	Solid	8015B NM	98404
890-7492-23 MSD	SS 420	Total/NA	Solid	8015B NM	98404

Analysis Batch: 98523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015 NM	
890-7492-2	SS 20	Total/NA	Solid	8015 NM	
890-7492-3	SS 64	Total/NA	Solid	8015 NM	
890-7492-4	SS 80	Total/NA	Solid	8015 NM	
890-7492-5	SS 262	Total/NA	Solid	8015 NM	
890-7492-6	SS 320	Total/NA	Solid	8015 NM	
890-7492-7	SS 488	Total/NA	Solid	8015 NM	
890-7492-8	SS 46	Total/NA	Solid	8015 NM	
890-7492-9	SS 107	Total/NA	Solid	8015 NM	
890-7492-10	SS 290	Total/NA	Solid	8015 NM	
890-7492-11	SS 339	Total/NA	Solid	8015 NM	
890-7492-12	SS 495	Total/NA	Solid	8015 NM	
890-7492-13	SS 129	Total/NA	Solid	8015 NM	
890-7492-14	SS 154	Total/NA	Solid	8015 NM	
890-7492-15	SS 504	Total/NA	Solid	8015 NM	
890-7492-16	SS 398	Total/NA	Solid	8015 NM	
890-7492-17	SS 183	Total/NA	Solid	8015 NM	
890-7492-18	SS 200	Total/NA	Solid	8015 NM	
890-7492-19	SS 435	Total/NA	Solid	8015 NM	
890-7492-20	SS 477	Total/NA	Solid	8015 NM	
890-7492-21	SS 176	Total/NA	Solid	8015 NM	
890-7492-22	SS 138	Total/NA	Solid	8015 NM	
890-7492-23	SS 420	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC

Leach Batch: 98373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	DI Leach	
890-7492-13	SS 129	Soluble	Solid	DI Leach	
890-7492-14	SS 154	Soluble	Solid	DI Leach	
890-7492-15	SS 504	Soluble	Solid	DI Leach	
890-7492-16	SS 398	Soluble	Solid	DI Leach	
890-7492-17	SS 183	Soluble	Solid	DI Leach	
890-7492-18	SS 200	Soluble	Solid	DI Leach	
890-7492-19	SS 435	Soluble	Solid	DI Leach	
890-7492-20	SS 477	Soluble	Solid	DI Leach	
890-7492-21	SS 176	Soluble	Solid	DI Leach	
890-7492-22	SS 138	Soluble	Solid	DI Leach	
890-7492-23	SS 420	Soluble	Solid	DI Leach	
MB 880-98373/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-20 MS	SS 477	Soluble	Solid	DI Leach	
890-7492-20 MSD	SS 477	Soluble	Solid	DI Leach	

Leach Batch: 98374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	DI Leach	
890-7492-2	SS 20	Soluble	Solid	DI Leach	
890-7492-3	SS 64	Soluble	Solid	DI Leach	
890-7492-4	SS 80	Soluble	Solid	DI Leach	
890-7492-5	SS 262	Soluble	Solid	DI Leach	
890-7492-6	SS 320	Soluble	Solid	DI Leach	
890-7492-7	SS 488	Soluble	Solid	DI Leach	
890-7492-8	SS 46	Soluble	Solid	DI Leach	
890-7492-9	SS 107	Soluble	Solid	DI Leach	
890-7492-10	SS 290	Soluble	Solid	DI Leach	
890-7492-11	SS 339	Soluble	Solid	DI Leach	
MB 880-98374/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-2 MS	SS 20	Soluble	Solid	DI Leach	
890-7492-2 MSD	SS 20	Soluble	Solid	DI Leach	

Analysis Batch: 98376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	300.0	98374
890-7492-2	SS 20	Soluble	Solid	300.0	98374
890-7492-3	SS 64	Soluble	Solid	300.0	98374
890-7492-4	SS 80	Soluble	Solid	300.0	98374
890-7492-5	SS 262	Soluble	Solid	300.0	98374
890-7492-6	SS 320	Soluble	Solid	300.0	98374
890-7492-7	SS 488	Soluble	Solid	300.0	98374
890-7492-8	SS 46	Soluble	Solid	300.0	98374
890-7492-9	SS 107	Soluble	Solid	300.0	98374
890-7492-10	SS 290	Soluble	Solid	300.0	98374
890-7492-11	SS 339	Soluble	Solid	300.0	98374
MB 880-98374/1-A	Method Blank	Soluble	Solid	300.0	98374

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC (Continued)

Analysis Batch: 98376 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	300.0	98374
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98374
890-7492-2 MS	SS 20	Soluble	Solid	300.0	98374
890-7492-2 MSD	SS 20	Soluble	Solid	300.0	98374

Analysis Batch: 98377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	300.0	98373
890-7492-13	SS 129	Soluble	Solid	300.0	98373
890-7492-14	SS 154	Soluble	Solid	300.0	98373
890-7492-15	SS 504	Soluble	Solid	300.0	98373
890-7492-16	SS 398	Soluble	Solid	300.0	98373
890-7492-17	SS 183	Soluble	Solid	300.0	98373
890-7492-18	SS 200	Soluble	Solid	300.0	98373
890-7492-19	SS 435	Soluble	Solid	300.0	98373
890-7492-20	SS 477	Soluble	Solid	300.0	98373
890-7492-21	SS 176	Soluble	Solid	300.0	98373
890-7492-22	SS 138	Soluble	Solid	300.0	98373
890-7492-23	SS 420	Soluble	Solid	300.0	98373
MB 880-98373/1-A	Method Blank	Soluble	Solid	300.0	98373
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	300.0	98373
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98373
890-7492-20 MS	SS 477	Soluble	Solid	300.0	98373
890-7492-20 MSD	SS 477	Soluble	Solid	300.0	98373

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01

Lab Sample ID: 890-7492-1

Date Collected: 12/19/24 08:20

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 11:51
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		5	98350	MNR	EET MID	12/20/24 13:55
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:55
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		20	98376	CH	EET MID	12/20/24 10:49

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:15
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:15
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 10:58

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 12:33
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:33
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 09:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 09:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:54

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80
Date Collected: 12/19/24 08:53
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:36
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:36
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:24
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:24
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:30

Client Sample ID: SS 262
Date Collected: 12/19/24 08:59
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		50	98350	MNR	EET MID	12/20/24 13:14
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:14
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:38
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:38
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:48

Client Sample ID: SS 320
Date Collected: 12/19/24 09:04
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		25	98350	MNR	EET MID	12/20/24 13:34
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:34
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:53
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:53
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:59

Client Sample ID: SS 488
Date Collected: 12/19/24 09:12
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		100	98351	MNR	EET MID	12/20/24 12:24
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:24

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488**Lab Sample ID: 890-7492-7****Date Collected: 12/19/24 09:12****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:08
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:08
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:06

Client Sample ID: SS 46**Lab Sample ID: 890-7492-8****Date Collected: 12/19/24 10:15****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 12:45
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:45
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:25
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:25
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:11

Client Sample ID: SS 107**Lab Sample ID: 890-7492-9****Date Collected: 12/19/24 10:22****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:05
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:05
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:17

Client Sample ID: SS 290**Lab Sample ID: 890-7492-10****Date Collected: 12/19/24 10:30****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:25
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:25
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:54
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:54

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:23

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:46
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:46
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:29

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 14:06
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:06
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:36

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 11:49
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 11:49
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:43

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154
Date Collected: 12/19/24 11:19
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:10
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:10
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:00
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:00
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:50

Client Sample ID: SS 504
Date Collected: 12/19/24 11:40
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		10	98353	MNR	EET MID	12/20/24 13:32
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:32
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:15
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:15
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:12

Client Sample ID: SS 398
Date Collected: 12/19/24 11:27
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:30
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:30
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:31
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:31
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:19

Client Sample ID: SS 183
Date Collected: 12/19/24 11:44
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:51
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:51

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:47
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:47
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:26

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 13:11
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:11
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:03
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:03
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:33

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:07
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:07
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:20
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:20
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:40

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:27
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:27
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:36
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:36

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:48

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		10	98352	MNR	EET MID	12/20/24 13:28
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:28
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:52
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:52
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:09

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:48
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:48
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 14:07
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 14:07
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 10:16

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 13:08
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:08
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98404	EL	EET MID	12/19/24 21:32
Total/NA	Analysis	8015B NM		1	98430	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:38

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7492-1	SS 01	Solid	12/19/24 08:20	12/19/24 15:45	- SURFACE
890-7492-2	SS 20	Solid	12/19/24 08:36	12/19/24 15:45	- SURFACE
890-7492-3	SS 64	Solid	12/19/24 08:47	12/19/24 15:45	- SURFACE
890-7492-4	SS 80	Solid	12/19/24 08:53	12/19/24 15:45	- SURFACE
890-7492-5	SS 262	Solid	12/19/24 08:59	12/19/24 15:45	- SURFACE
890-7492-6	SS 320	Solid	12/19/24 09:04	12/19/24 15:45	- SURFACE
890-7492-7	SS 488	Solid	12/19/24 09:12	12/19/24 15:45	- SURFACE
890-7492-8	SS 46	Solid	12/19/24 10:15	12/19/24 15:45	- SURFACE
890-7492-9	SS 107	Solid	12/19/24 10:22	12/19/24 15:45	- SURFACE
890-7492-10	SS 290	Solid	12/19/24 10:30	12/19/24 15:45	- SURFACE
890-7492-11	SS 339	Solid	12/19/24 10:37	12/19/24 15:45	- SURFACE
890-7492-12	SS 495	Solid	12/19/24 10:44	12/19/24 15:45	- SURFACE
890-7492-13	SS 129	Solid	12/19/24 11:07	12/19/24 15:45	- SURFACE
890-7492-14	SS 154	Solid	12/19/24 11:19	12/19/24 15:45	- SURFACE
890-7492-15	SS 504	Solid	12/19/24 11:40	12/19/24 15:45	- SURFACE
890-7492-16	SS 398	Solid	12/19/24 11:27	12/19/24 15:45	- SURFACE
890-7492-17	SS 183	Solid	12/19/24 11:44	12/19/24 15:45	- SURFACE
890-7492-18	SS 200	Solid	12/19/24 11:49	12/19/24 15:45	- SURFACE
890-7492-19	SS 435	Solid	12/19/24 11:53	12/19/24 15:45	- SURFACE
890-7492-20	SS 477	Solid	12/19/24 12:02	12/19/24 15:45	- SURFACE
890-7492-21	SS 176	Solid	12/19/24 12:07	12/19/24 15:45	- SURFACE
890-7492-22	SS 138	Solid	12/19/24 12:17	12/19/24 15:45	- SURFACE
890-7492-23	SS 420	Solid	12/19/24 12:22	12/19/24 15:45	- SURFACE



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
 Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
 EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
 Little Rock, AR (501) 224-5060

Environment Testing

Work Order No: _____

Page 1 of 3

Project Manager: <u>Michael Wicker</u>	Bill to: (if different) <u>CDH Consulting</u>
Company Name: <u>Cotto</u>	Program: ☐ PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
Address: _____	State of Project: _____
City, State ZIP: _____	Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Phone: <u>616-970-8459</u>	Deliverables: EDD ☐ ADAPT ☐ Other: _____
Email: <u>mwicker@cdhconsult.com</u>	

Project Name:	Turn Around	Pres. Code	ANALYSIS REQUEST	Preservative Codes
Project Number:	☐ Routine ☒ Rush			None: NO DI Water: H ₂ O
Project Location: <u>Buckeye, NM</u>	Due Date: <u>12-20-2024</u>			Cool: Cool MeOH: Me
Sampler's Name: <u>Dakotah Cueto</u>	TAT starts the day received by the lab, if received by 4:30pm			HCL: HC HNO ₃
PO #:				H ₂ SO ₄ : H ₂ NaOH: Na
SAMPLE RECEIPT Samples Received Intact: Yes ☒ No ☐ Wet Ice: Yes ☒ No ☐ Cooler Custody Seals: Yes ☒ No ☐ Thermometer ID: <u>Tanner</u> Sample Custody Seals: Yes ☒ No ☐ Correction Factor: <u>-0.2</u> Total Containers: _____ Temperature Reading: <u>5.8</u> Corrected Temperature: <u>5.0</u>				H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC



890-7492 Chain of Custody

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Sample Comments
SS01	S	12-19-24	08:20	Surf	C	1	
SS20	S		08:36		C	1	
SS64	S		08:47		C	1	
SS80	S		08:53		C	1	
SS262	S		08:59		C	1	
SS320	S		09:04		C	1	
SS488	S		09:12		C	1	
SS46	S		10:15		C	1	
SS107	S		10:22		C	1	
SS290	S		10:30		C	1	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
 Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>Dakotah Cueto</u>	<u>[Signature]</u>	12/19 1545			
3		4			
5		6			

Revised Date: 06/25/2020 Rev. 2020.2



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 505-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 2 of 3

Project Manager: Michael Wicker		Bill to: (if different)		Work Order Comments	
Company Name: CETO		Company Name:		Program: ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
Address:		Address:		State of Project:	
City, State ZIP:		City, State ZIP:		Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Phone:		Email: mwicker@cetoconsult.com		Deliverables: EDD ☐ ADAPT ☐ Other:	
Project Name: Close Encounters Golf		Turn Around		ANALYSIS REQUEST	
Project Number:		☐ Routine ☒ Rush		Preservative Codes	
Project Location: Buellville, NM		Due Date: 12-20-2024		None: NO DI Water: H ₂ O	
Sampler's Name: Dakotaiah Cweto		TAT starts the day received by the lab, if received by 4:30pm		Cool: Cool MeOH: Me	
PO #:				HCL: HC HNO ₃	
SAMPLE RECEIPT		Temp Blank: Yes No		H ₂ SO ₄ : H ₂ NaOH: Na	
Samples Received Intact: Yes No		Thermometer ID:		H ₃ PO ₄ : HP	
Cooler Custody Seals: Yes No N/A		Correction Factor:		NaHSO ₄ : NABIS	
Sample Custody Seals: Yes No N/A		Temperature Reading:		Na ₂ S ₂ O ₃ : NaSO ₃	
Total Containers:		Corrected Temperature:		Zn Acetate+NaOH: Zn	
				NaOH+Ascorbic Acid: SAPC	
Sample Identification		Matrix		Date Sampled	
Grab/Comp		Depth		# of Cont	
SS339		S		12/19/2024 10:37 Surf C 1	
SS495		S		10:44 C 1	
SS129		S		11:07 C 1	
SS154		S		11:19 C 1	
SS504		S		11:40 C 1	
SS398		S		11:27 C 1	
SS183		S		11:44 C 1	
SS200		S		11:49 C 1	
SS435		S		11:53 C 1	
SS477		S		12:02 C 1	
Total 200.7 / 6010 200.8 / 6020:		8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn		Circle Method(s) and Meta(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471	
Notes: Signature of this document and relinquishment of sample constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.		Relinquished by: (Signature)		Received by: (Signature)	
1 Dakotaiah Cweto		Date/Time		Date/Time	
3		2		4	
5		6		6	



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 382-7550, Carlsbad, NM (575) 988-3499
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

LITTLE ROCK, AR (501) 224-5060

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[illegible]

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Source: Eurofins Midland

List Number: 2

List Creation: 12/19/24 09:21 PM

Creator: Laing, Edmundo

Question	Answer	Comment
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time (excluding tests with immediate HTs)		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").		



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Michael Wicker
CDH Consulting
9446 Clermont St,
Thornton, Colorado 80229
Generated 12/20/2024 3:02:55 PM

JOB DESCRIPTION

CLOSE ENCOUNTER 301 H
BUCKEYE

JOB NUMBER

890-7492-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220



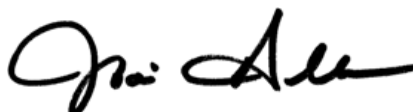
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
12/20/2024 3:02:55 PM

Authorized for release by
Jodi Allen, Project Manager I
Jodi.Allen@et.eurofinsus.com
(281)520-2865

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Laboratory Job ID: 890-7492-1
SDG: BUCKEYE

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Definitions/Glossary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1

Eurofins Carlsbad

Job Narrative
890-7492-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 12/19/2024 3:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 64 (890-7492-3), SS 80 (890-7492-4), SS 262 (890-7492-5), SS 320 (890-7492-6), SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11), SS 495 (890-7492-12), SS 129 (890-7492-13), SS 154 (890-7492-14), SS 504 (890-7492-15), SS 398 (890-7492-16), SS 183 (890-7492-17), SS 200 (890-7492-18), SS 435 (890-7492-19), SS 477 (890-7492-20), SS 176 (890-7492-21), SS 138 (890-7492-22) and SS 420 (890-7492-23).

GC VOA

Method 8021B: The following samples were diluted due to physical characteristics such as color, odor, appearance, viscosity, etc. >>: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 80 (890-7492-4), SS 262 (890-7492-5) and SS 320 (890-7492-6). Elevated reporting limits (RL) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 01 (890-7492-1), SS 20 (890-7492-2) and SS 64 (890-7492-3). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 398 (890-7492-16) and SS 200 (890-7492-18). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SS 176 (890-7492-21). Evidence of matrix interferences is not obvious.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11) and SS 495 (890-7492-12). Elevated reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 46 (890-7492-8), SS 290 (890-7492-10) and SS 495 (890-7492-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: SS 504 (890-7492-15). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-98402/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98402 and analytical batch 880-98425 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within

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Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1 (Continued)

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acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SS 262 (890-7492-5). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Due to the high concentration of Diesel Range Organics (Over C10-C28), the matrix spike (MS) for preparation batch 880-98403 and analytical batch 880-98427 could not be evaluated for accuracy. The associated matrix spike duplicate (MSD) met acceptance criteria.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SS 477 (890-7492-20), (LCS 880-98403/2-A) and (LCSD 880-98403/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The method blank for preparation batch 880-98404 and analytical batch 880-98430 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-98404/2-A) and (LCSD 880-98404/3-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-98404 and analytical batch 880-98430 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The laboratory control sample (LCS) for preparation batch 880-98403 and analytical batch 880-98427 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10. Since only an acceptable LCSD is required per the method, the LCSD shows recovery for the batch and the data has been qualified and reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98374 and analytical batch 880-98376 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01
Date Collected: 12/19/24 08:20
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-1
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0101	U	0.0101		mg/Kg	-	12/20/24 08:24	12/20/24 13:55	5
Ethylbenzene	0.0947		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Toluene	0.0306		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Xylenes, Total	1.81		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
m-Xylene & p-Xylene	0.0449		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
o-Xylene	1.77		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:24	12/20/24 11:51	20
1,4-Difluorobenzene (Surr)	124		70 - 130				12/20/24 08:24	12/20/24 11:51	20

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.94		0.0202		mg/Kg	-		12/20/24 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	287		49.8		mg/Kg	-		12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg	-	12/19/24 21:26	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	287		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				12/19/24 21:26	12/20/24 12:09	1
o-Terphenyl	86		70 - 130				12/19/24 21:26	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17600		199		mg/Kg	-		12/20/24 10:49	20

Client Sample ID: SS 20
Date Collected: 12/19/24 08:36
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-2
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg	-	12/20/24 08:24	12/20/24 14:15	10
Ethylbenzene	0.0420		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Toluene	0.0216		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Xylenes, Total	0.350		0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
m-Xylene & p-Xylene	<0.0401	U	0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
o-Xylene	0.350		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				12/20/24 08:24	12/20/24 14:15	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	136	S1+	70 - 130	12/20/24 08:24	12/20/24 14:15	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.414		0.0401		mg/Kg			12/20/24 14:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	110		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	110		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				12/19/24 21:26	12/20/24 12:23	1
o-Terphenyl	77		70 - 130				12/19/24 21:26	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300	F1	49.9		mg/Kg			12/20/24 10:58	5

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Ethylbenzene	0.242		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Toluene	0.0581		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Xylenes, Total	0.781		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
m-Xylene & p-Xylene	0.189		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
o-Xylene	0.592		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20
1,4-Difluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.08		0.0795		mg/Kg			12/20/24 12:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	631		50.0		mg/Kg			12/20/24 09:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Diesel Range Organics (Over C10-C28)	631	F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 09:40	1
o-Terphenyl	78		70 - 130				12/19/24 21:28	12/20/24 09:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3110		50.2		mg/Kg			12/20/24 11:54	5

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Ethylbenzene	0.0344		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Toluene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Xylenes, Total	0.680		0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
m-Xylene & p-Xylene	<0.0399	U	0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
o-Xylene	0.680		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				12/20/24 08:24	12/20/24 14:36	10
1,4-Difluorobenzene (Surr)	106		70 - 130				12/20/24 08:24	12/20/24 14:36	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.714		0.0399		mg/Kg			12/20/24 14:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	188		50.0		mg/Kg			12/20/24 10:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Diesel Range Organics (Over C10-C28)	188		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				12/19/24 21:28	12/20/24 10:24	1
o-Terphenyl	74		70 - 130				12/19/24 21:28	12/20/24 10:24	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3070		100		mg/Kg			12/20/24 11:30	10

Client Sample ID: SS 262

Lab Sample ID: 890-7492-5

Date Collected: 12/19/24 08:59

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Ethylbenzene	0.966		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Toluene	0.415		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Xylenes, Total	1.51		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
m-Xylene & p-Xylene	0.756		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
o-Xylene	0.754		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				12/20/24 08:24	12/20/24 13:14	50
1,4-Difluorobenzene (Surr)	122		70 - 130				12/20/24 08:24	12/20/24 13:14	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.89		0.202		mg/Kg			12/20/24 13:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	463		50.0		mg/Kg			12/20/24 10:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Diesel Range Organics (Over C10-C28)	463		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				12/19/24 21:28	12/20/24 10:38	1
o-Terphenyl	69	S1-	70 - 130				12/19/24 21:28	12/20/24 10:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4470		99.4		mg/Kg			12/20/24 11:48	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 320

Lab Sample ID: 890-7492-6

Date Collected: 12/19/24 09:04

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0503	U	0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Ethylbenzene	0.537		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Toluene	0.125		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Xylenes, Total	1.20		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
m-Xylene & p-Xylene	0.454		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
o-Xylene	0.746		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	12/20/24 08:24	12/20/24 13:34	25
1,4-Difluorobenzene (Surr)	126		70 - 130	12/20/24 08:24	12/20/24 13:34	25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.86		0.101		mg/Kg			12/20/24 13:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	876		49.7		mg/Kg			12/20/24 10:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Diesel Range Organics (Over C10-C28)	876		49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130	12/19/24 21:28	12/20/24 10:53	1
o-Terphenyl	75		70 - 130	12/19/24 21:28	12/20/24 10:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3410		49.8		mg/Kg			12/20/24 11:59	5

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.199	U	0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Ethylbenzene	1.92		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Toluene	0.602		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Xylenes, Total	3.04		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
m-Xylene & p-Xylene	1.78		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
o-Xylene	1.26		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	12/20/24 08:27	12/20/24 12:24	100

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	100		70 - 130	12/20/24 08:27	12/20/24 12:24	100

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	5.56		0.398		mg/Kg			12/20/24 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2500		49.8		mg/Kg			12/20/24 11:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.7		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Diesel Range Organics (Over C10-C28)	2410		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:08	1
o-Terphenyl	95		70 - 130				12/19/24 21:28	12/20/24 11:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3680		49.6		mg/Kg			12/20/24 12:06	5

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.11		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Ethylbenzene	9.28		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Toluene	7.96		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Xylenes, Total	10.9		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
m-Xylene & p-Xylene	6.88		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
o-Xylene	4.05		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130	12/20/24 08:27	12/20/24 12:45	50
1,4-Difluorobenzene (Surr)	94		70 - 130	12/20/24 08:27	12/20/24 12:45	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	29.3		0.200		mg/Kg			12/20/24 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1330		49.9		mg/Kg			12/20/24 11:25	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	95.0		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Diesel Range Organics (Over C10-C28)	1230		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:25	1
o-Terphenyl	81		70 - 130				12/19/24 21:28	12/20/24 11:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5420		101		mg/Kg			12/20/24 12:11	10

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Ethylbenzene	1.52		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Toluene	0.807		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Xylenes, Total	4.70		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
m-Xylene & p-Xylene	3.88		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
o-Xylene	0.815		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				12/20/24 08:27	12/20/24 13:05	50
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:27	12/20/24 13:05	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	7.02		0.202		mg/Kg			12/20/24 13:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	60.0		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Diesel Range Organics (Over C10-C28)	1450		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:40	1
o-Terphenyl	86		70 - 130				12/19/24 21:28	12/20/24 11:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5250		99.4		mg/Kg			12/20/24 12:17	10

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.151		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Ethylbenzene	3.30		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Toluene	1.75		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Xylenes, Total	4.33		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
m-Xylene & p-Xylene	2.60		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
o-Xylene	1.73		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:27	12/20/24 13:25	50
1,4-Difluorobenzene (Surr)	100		70 - 130				12/20/24 08:27	12/20/24 13:25	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	9.53		0.201		mg/Kg			12/20/24 13:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2470		49.8		mg/Kg			12/20/24 11:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	129		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Diesel Range Organics (Over C10-C28)	2340		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				12/19/24 21:28	12/20/24 11:54	1
o-Terphenyl	105		70 - 130				12/19/24 21:28	12/20/24 11:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5400		99.8		mg/Kg			12/20/24 12:23	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.106		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Ethylbenzene	3.81		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Toluene	1.12		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Xylenes, Total	5.28		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
m-Xylene & p-Xylene	3.48		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
o-Xylene	1.80		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	12/20/24 08:27	12/20/24 13:46	50
1,4-Difluorobenzene (Surr)	99		70 - 130	12/20/24 08:27	12/20/24 13:46	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	10.3		0.200		mg/Kg			12/20/24 13:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3950		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	154		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	3800		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	12/19/24 21:28	12/20/24 12:09	1
o-Terphenyl	121		70 - 130	12/19/24 21:28	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4280		49.9		mg/Kg			12/20/24 12:29	5

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0994	U	0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Ethylbenzene	5.40		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Toluene	1.34		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Xylenes, Total	7.57		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
m-Xylene & p-Xylene	4.90		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
o-Xylene	2.67		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130	12/20/24 08:27	12/20/24 14:06	50

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	12/20/24 08:27	12/20/24 14:06	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	14.3		0.199		mg/Kg			12/20/24 14:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3070		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	177		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	2890		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:28	12/20/24 12:23	1
o-Terphenyl	108		70 - 130				12/19/24 21:28	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3660		49.6		mg/Kg			12/20/24 08:36	5

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Ethylbenzene	0.0238		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Toluene	0.00837		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Xylenes, Total	0.0306		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
m-Xylene & p-Xylene	0.0204		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
o-Xylene	0.0102		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	12/20/24 08:33	12/20/24 11:49	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/20/24 08:33	12/20/24 11:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0628		0.00404		mg/Kg			12/20/24 11:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	538		49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Diesel Range Organics (Over C10-C28)	538	F1	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 11:11	1
o-Terphenyl	79		70 - 130				12/19/24 21:30	12/20/24 11:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3350		50.0		mg/Kg			12/20/24 08:43	5

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Ethylbenzene	0.0475		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Toluene	0.0124		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Xylenes, Total	0.0632		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
m-Xylene & p-Xylene	0.0373		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
o-Xylene	0.0259		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				12/20/24 08:33	12/20/24 12:10	1
1,4-Difluorobenzene (Surr)	93		70 - 130				12/20/24 08:33	12/20/24 12:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.123		0.00401		mg/Kg			12/20/24 12:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2710		49.8		mg/Kg			12/20/24 12:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Diesel Range Organics (Over C10-C28)	2710		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 12:00	1
o-Terphenyl	120		70 - 130				12/19/24 21:30	12/20/24 12:00	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1710		50.3		mg/Kg			12/20/24 08:50	5

Client Sample ID: SS 504

Lab Sample ID: 890-7492-15

Date Collected: 12/19/24 11:40

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Ethylbenzene	0.563		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Toluene	0.173		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Xylenes, Total	0.464		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
m-Xylene & p-Xylene	0.290		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
o-Xylene	0.174		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				12/20/24 08:33	12/20/24 13:32	10
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:33	12/20/24 13:32	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.20		0.0398		mg/Kg			12/20/24 13:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 12:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Diesel Range Organics (Over C10-C28)	1510		50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				12/19/24 21:30	12/20/24 12:15	1
o-Terphenyl	97		70 - 130				12/19/24 21:30	12/20/24 12:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2990		50.0		mg/Kg			12/20/24 09:12	5

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 398

Lab Sample ID: 890-7492-16

Date Collected: 12/19/24 11:27

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0262		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Ethylbenzene	0.199		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Toluene	0.168		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Xylenes, Total	0.269		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
m-Xylene & p-Xylene	0.158		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
o-Xylene	0.111		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	12/20/24 08:33	12/20/24 12:30	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:33	12/20/24 12:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.662		0.00399		mg/Kg			12/20/24 12:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3130		49.9		mg/Kg			12/20/24 12:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.1	*+	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Diesel Range Organics (Over C10-C28)	3040		49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	12/19/24 21:30	12/20/24 12:31	1
o-Terphenyl	120		70 - 130	12/19/24 21:30	12/20/24 12:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2960		50.1		mg/Kg			12/20/24 09:19	5

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Ethylbenzene	0.0487		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Toluene	0.00442		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Xylenes, Total	0.0402		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
m-Xylene & p-Xylene	0.0276		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
o-Xylene	0.0126		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	12/20/24 08:33	12/20/24 12:51	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	75		70 - 130	12/20/24 08:33	12/20/24 12:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0933		0.00404		mg/Kg			12/20/24 12:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	311		49.8		mg/Kg			12/20/24 12:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Diesel Range Organics (Over C10-C28)	311		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				12/19/24 21:30	12/20/24 12:47	1
o-Terphenyl	77		70 - 130				12/19/24 21:30	12/20/24 12:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.8		9.96		mg/Kg			12/20/24 09:26	1

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Ethylbenzene	0.191		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Toluene	0.110		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Xylenes, Total	0.265		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
m-Xylene & p-Xylene	0.156		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
o-Xylene	0.109		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130	12/20/24 08:33	12/20/24 13:11	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 13:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.566		0.00402		mg/Kg			12/20/24 13:11	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2050		49.9		mg/Kg			12/20/24 13:03	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 200
Date Collected: 12/19/24 11:49
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-18
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Diesel Range Organics (Over C10-C28)	2050		49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				12/19/24 21:30	12/20/24 13:03	1
o-Terphenyl	106		70 - 130				12/19/24 21:30	12/20/24 13:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	930		10.0		mg/Kg			12/20/24 09:33	1

Client Sample ID: SS 435
Date Collected: 12/19/24 11:53
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-19
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Ethylbenzene	0.00665		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Toluene	0.00205		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Xylenes, Total	0.0105		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
m-Xylene & p-Xylene	0.00628		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
o-Xylene	0.00418		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				12/20/24 08:30	12/20/24 12:07	1
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 12:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0192		0.00404		mg/Kg			12/20/24 12:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	601		49.7		mg/Kg			12/20/24 13:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U **	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Diesel Range Organics (Over C10-C28)	601		49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				12/19/24 21:30	12/20/24 13:20	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 13:20	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 435
Date Collected: 12/19/24 11:53
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-19
Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3030		49.7		mg/Kg			12/20/24 09:40	5

Client Sample ID: SS 477
Date Collected: 12/19/24 12:02
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-20
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Xylenes, Total	0.133		0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
o-Xylene	0.133		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				12/20/24 08:30	12/20/24 12:27	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/20/24 08:30	12/20/24 12:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.133		0.00401		mg/Kg			12/20/24 12:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/20/24 13:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 13:36	1
o-Terphenyl	66	S1-	70 - 130				12/19/24 21:30	12/20/24 13:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		10.0		mg/Kg			12/20/24 09:48	1

Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Ethylbenzene	0.950		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Toluene	0.199		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Xylenes, Total	1.58		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
m-Xylene & p-Xylene	0.943		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
o-Xylene	0.636		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	193	S1+	70 - 130	12/20/24 08:30	12/20/24 13:28	10
1,4-Difluorobenzene (Surr)	104		70 - 130	12/20/24 08:30	12/20/24 13:28	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.73		0.0398		mg/Kg			12/20/24 13:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2110		49.8		mg/Kg			12/20/24 13:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Diesel Range Organics (Over C10-C28)	2110		49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	12/19/24 21:30	12/20/24 13:52	1
o-Terphenyl	112		70 - 130	12/19/24 21:30	12/20/24 13:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	812		9.98		mg/Kg			12/20/24 10:09	1

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Ethylbenzene	0.0120		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Toluene	0.00377		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Xylenes, Total	0.0233		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
m-Xylene & p-Xylene	0.0102		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
o-Xylene	0.0131		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	12/20/24 08:30	12/20/24 12:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130	12/20/24 08:30	12/20/24 12:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0391		0.00399		mg/Kg			12/20/24 12:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	573		49.8		mg/Kg			12/20/24 14:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Diesel Range Organics (Over C10-C28)	573		49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 14:07	1
o-Terphenyl	78		70 - 130				12/19/24 21:30	12/20/24 14:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2650		50.1		mg/Kg			12/20/24 10:16	5

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Xylenes, Total	0.0889		0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
o-Xylene	0.0889		0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	12/20/24 08:30	12/20/24 13:08	1
1,4-Difluorobenzene (Surr)	91		70 - 130	12/20/24 08:30	12/20/24 13:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0889		0.00404		mg/Kg			12/20/24 13:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 420
Date Collected: 12/19/24 12:22
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-23
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	104		70 - 130				12/19/24 21:32	12/20/24 11:11	1	
o-Terphenyl	109		70 - 130				12/19/24 21:32	12/20/24 11:11	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	162		9.94		mg/Kg			12/20/24 10:38	1	

Surrogate Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
890-7492-1	SS 01	131 S1+	124
890-7492-2	SS 20	128	136 S1+
890-7492-3	SS 64	137 S1+	131 S1+
890-7492-4	SS 80	144 S1+	106
890-7492-5	SS 262	125	122
890-7492-6	SS 320	126	126
890-7492-7	SS 488	106	100
890-7492-8	SS 46	171 S1+	94
890-7492-9	SS 107	107	101
890-7492-10	SS 290	131 S1+	100
890-7492-11	SS 339	122	99
890-7492-12	SS 495	139 S1+	104
890-7492-13	SS 129	109	95
890-7492-14	SS 154	99	93
890-7492-15	SS 504	110	94
890-7492-16	SS 398	141 S1+	96
890-7492-17	SS 183	88	75
890-7492-18	SS 200	159 S1+	93
890-7492-19	SS 435	113	104
890-7492-20	SS 477	98	95
890-7492-21	SS 176	193 S1+	104
890-7492-22	SS 138	115	103
890-7492-23	SS 420	95	91
LCS 880-98432/1-A	Lab Control Sample	101	96
LCS 880-98433/1-A	Lab Control Sample	96	103
LCS 880-98434/1-A	Lab Control Sample	107	104
LCS 880-98435/1-A	Lab Control Sample	106	99
LCSD 880-98432/2-A	Lab Control Sample Dup	103	99
LCSD 880-98433/2-A	Lab Control Sample Dup	94	103
LCSD 880-98434/2-A	Lab Control Sample Dup	109	103
LCSD 880-98435/2-A	Lab Control Sample Dup	108	98
MB 880-98432/5-A	Method Blank	112	85
MB 880-98433/5-A	Method Blank	98	96
MB 880-98434/5-A	Method Blank	111	101
MB 880-98435/5-A	Method Blank	92	93
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1	OTPH1
		(70-130)	(70-130)
890-7492-1	SS 01	83	86
890-7492-2	SS 20	76	77
890-7492-3	SS 64	75	78
890-7492-3 MS	SS 64	78	76

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Surrogate Summary

Client: CDH Consulting

Job ID: 890-7492-1

Project/Site: CLOSE ENCOUNTER 301 H

SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-3 MSD	SS 64	77	76
890-7492-4	SS 80	73	74
890-7492-5	SS 262	70	69 S1-
890-7492-6	SS 320	74	75
890-7492-7	SS 488	75	95
890-7492-8	SS 46	75	81
890-7492-9	SS 107	75	86
890-7492-10	SS 290	85	105
890-7492-11	SS 339	84	121
890-7492-12	SS 495	88	108
890-7492-13	SS 129	84	79
890-7492-13 MS	SS 129	80	81
890-7492-13 MSD	SS 129	79	81
890-7492-14	SS 154	84	120
890-7492-15	SS 504	92	97
890-7492-16	SS 398	85	120
890-7492-17	SS 183	87	77
890-7492-18	SS 200	82	106
890-7492-19	SS 435	77	74
890-7492-20	SS 477	81	66 S1-
890-7492-21	SS 176	88	112
890-7492-22	SS 138	81	78
890-7492-23	SS 420	104	109
890-7492-23 MS	SS 420	92	99
890-7492-23 MSD	SS 420	92	99
LCS 880-98401/2-A	Lab Control Sample	118	102
LCS 880-98402/2-A	Lab Control Sample	121	104
LCS 880-98403/2-A	Lab Control Sample	136 S1+	123
LCS 880-98404/2-A	Lab Control Sample	158 S1+	172 S1+
LCSD 880-98401/3-A	Lab Control Sample Dup	110	95
LCSD 880-98402/3-A	Lab Control Sample Dup	145 S1+	123
LCSD 880-98403/3-A	Lab Control Sample Dup	133 S1+	120
LCSD 880-98404/3-A	Lab Control Sample Dup	166 S1+	175 S1+
MB 880-98401/1-A	Method Blank	81	80
MB 880-98402/1-A	Method Blank	75	75
MB 880-98403/1-A	Method Blank	91	74
MB 880-98404/1-A	Method Blank	93	96
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-98432/5-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	12/20/24 08:24	12/20/24 11:08	1
1,4-Difluorobenzene (Surr)	85		70 - 130	12/20/24 08:24	12/20/24 11:08	1

Lab Sample ID: LCS 880-98432/1-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1137		mg/Kg		114	70 - 130
Ethylbenzene	0.100	0.1107		mg/Kg		111	70 - 130
Toluene	0.100	0.1082		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2221		mg/Kg		111	70 - 130
o-Xylene	0.100	0.1128		mg/Kg		113	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-98432/2-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1182		mg/Kg		118	70 - 130	4	35
Ethylbenzene	0.100	0.1145		mg/Kg		114	70 - 130	3	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2282		mg/Kg		114	70 - 130	3	35
o-Xylene	0.100	0.1165		mg/Kg		117	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	12/20/24 08:27	12/20/24 11:02	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:27	12/20/24 11:02	1

Lab Sample ID: LCS 880-98433/1-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1001		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09410		mg/Kg		94	70 - 130
Toluene	0.100	0.09371		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1885		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09536		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-98433/2-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1048		mg/Kg		105	70 - 130	5	35
Ethylbenzene	0.100	0.09886		mg/Kg		99	70 - 130	5	35
Toluene	0.100	0.09817		mg/Kg		98	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1969		mg/Kg		98	70 - 130	4	35
o-Xylene	0.100	0.09974		mg/Kg		100	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	111		70 - 130				12/20/24 08:30	12/20/24 11:25	1
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:30	12/20/24 11:25	1

Lab Sample ID: LCS 880-98434/1-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits		
		Result	Qualifier						
Benzene	0.100	0.1149		mg/Kg		115	70 - 130		
Ethylbenzene	0.100	0.1100		mg/Kg		110	70 - 130		
Toluene	0.100	0.1116		mg/Kg		112	70 - 130		
m-Xylene & p-Xylene	0.200	0.2234		mg/Kg		112	70 - 130		
o-Xylene	0.100	0.1142		mg/Kg		114	70 - 130		
Surrogate	LCS	LCS	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	107		70 - 130						
1,4-Difluorobenzene (Surr)	104		70 - 130						

Lab Sample ID: LCSD 880-98434/2-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.1162		mg/Kg		116	70 - 130	1	35
Ethylbenzene	0.100	0.1102		mg/Kg		110	70 - 130	0	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2247		mg/Kg		112	70 - 130	1	35
o-Xylene	0.100	0.1148		mg/Kg		115	70 - 130	1	35
Surrogate	LCSD	LCSD	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	109		70 - 130						
1,4-Difluorobenzene (Surr)	103		70 - 130						

Lab Sample ID: MB 880-98435/5-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98435

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	12/20/24 08:33	12/20/24 11:07	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 11:07	1

Lab Sample ID: LCS 880-98435/1-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1025		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.1037		mg/Kg		104	70 - 130
Toluene	0.100	0.1077		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2015		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1117		mg/Kg		112	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-98435/2-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1068		mg/Kg		107	70 - 130	4	35
Ethylbenzene	0.100	0.1065		mg/Kg		107	70 - 130	3	35
Toluene	0.100	0.1103		mg/Kg		110	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2041		mg/Kg		102	70 - 130	1	35
o-Xylene	0.100	0.1136		mg/Kg		114	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-98401/1-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98401

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130	12/19/24 21:26	12/20/24 00:11	1
o-Terphenyl	80		70 - 130	12/19/24 21:26	12/20/24 00:11	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98401/2-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98401

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1058		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	960.9		mg/Kg		96	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	118		70 - 130				
o-Terphenyl	102		70 - 130				

Lab Sample ID: LCSD 880-98401/3-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98401

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1005		mg/Kg		101	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	903.5		mg/Kg		90	70 - 130	6	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	110		70 - 130						
o-Terphenyl	95		70 - 130						

Lab Sample ID: MB 880-98402/1-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 98402

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1-Chlorooctane	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	
o-Terphenyl	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	

Lab Sample ID: LCS 880-98402/2-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1061		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1028		mg/Kg		103	70 - 130

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98402/2-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98402

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: LCSD 880-98402/3-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1288		mg/Kg		129	70 - 130	19	20
Diesel Range Organics (Over C10-C28)	1000	1231		mg/Kg		123	70 - 130	18	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	145	S1+	70 - 130
o-Terphenyl	123		70 - 130

Lab Sample ID: 890-7492-3 MS

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: SS 64

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	665.3	F1	mg/Kg		67	70 - 130
Diesel Range Organics (Over C10-C28)	631	F1	998	1155	F1	mg/Kg		53	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	78		70 - 130
o-Terphenyl	76		70 - 130

Lab Sample ID: 890-7492-3 MSD

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: SS 64

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	660.4	F1	mg/Kg		66	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	631	F1	998	1141	F1	mg/Kg		51	70 - 130	1	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	77		70 - 130
o-Terphenyl	76		70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-98403/1-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98403

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				12/19/24 21:30	12/20/24 09:12	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 09:12	1

Lab Sample ID: LCS 880-98403/2-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1333	*+	mg/Kg		133	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1178		mg/Kg		118	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	136	S1+	70 - 130				
o-Terphenyl	123		70 - 130				

Lab Sample ID: LCSD 880-98403/3-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1180		mg/Kg		118	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	1000	1166		mg/Kg		117	70 - 130	1	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	133	S1+	70 - 130						
o-Terphenyl	120		70 - 130						

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	997	729.6		mg/Kg		73	70 - 130
Diesel Range Organics (Over C10-C28)	538	F1	997	1207	F1	mg/Kg		67	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	80		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: 890-7492-13 MSD

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	997	855.4		mg/Kg		86	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	538	F1	997	1282		mg/Kg		75	70 - 130	6	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	79		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: MB 880-98404/1-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98404

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	93		70 - 130	12/19/24 21:32	12/20/24 09:12	1			
o-Terphenyl	96		70 - 130	12/19/24 21:32	12/20/24 09:12	1			

Lab Sample ID: LCS 880-98404/2-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1398	*+	mg/Kg		140	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1468	*+	mg/Kg		147	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	158	S1+	70 - 130
o-Terphenyl	172	S1+	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-98404/3-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1465	*+	mg/Kg		147	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	1590	*+	mg/Kg		159	70 - 130	8	20
		LCSD	LCSD						
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane	166	S1+	70 - 130						
o-Terphenyl	175	S1+	70 - 130						

Lab Sample ID: 890-7492-23 MS

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: SS 420

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	781.1		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	867.3		mg/Kg		84	70 - 130		
		MS	MS								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Lab Sample ID: 890-7492-23 MSD

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: SS 420

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	804.1		mg/Kg		80	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	863.1		mg/Kg		84	70 - 130	0	20
		MSD	MSD								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-98374/1-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 08:34	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-98374/2-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.6		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-98374/3-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	245.0		mg/Kg		98	90 - 110	2	20

Lab Sample ID: 890-7492-2 MS

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1300	F1	1250	3073	F1	mg/Kg		142	90 - 110

Lab Sample ID: 890-7492-2 MSD

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1300	F1	1250	3070	F1	mg/Kg		142	90 - 110	0	20

Lab Sample ID: MB 880-98373/1-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 03:00	1

Lab Sample ID: LCS 880-98373/2-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	258.6		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-98373/3-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	257.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-7492-20 MS

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: SS 477

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	126		257	387.5		mg/Kg		102	90 - 110

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-7492-20 MSD							Client Sample ID: SS 477					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 98377												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	126		248	372.8		mg/Kg		100	90 - 110	4	20	

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA

Analysis Batch: 98350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-2	SS 20	Total/NA	Solid	8021B	98432
890-7492-3	SS 64	Total/NA	Solid	8021B	98432
890-7492-4	SS 80	Total/NA	Solid	8021B	98432
890-7492-5	SS 262	Total/NA	Solid	8021B	98432
890-7492-6	SS 320	Total/NA	Solid	8021B	98432
MB 880-98432/5-A	Method Blank	Total/NA	Solid	8021B	98432
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	8021B	98432
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98432

Analysis Batch: 98351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	8021B	98433
890-7492-8	SS 46	Total/NA	Solid	8021B	98433
890-7492-9	SS 107	Total/NA	Solid	8021B	98433
890-7492-10	SS 290	Total/NA	Solid	8021B	98433
890-7492-11	SS 339	Total/NA	Solid	8021B	98433
890-7492-12	SS 495	Total/NA	Solid	8021B	98433
MB 880-98433/5-A	Method Blank	Total/NA	Solid	8021B	98433
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	8021B	98433
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98433

Analysis Batch: 98352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	8021B	98434
890-7492-20	SS 477	Total/NA	Solid	8021B	98434
890-7492-21	SS 176	Total/NA	Solid	8021B	98434
890-7492-22	SS 138	Total/NA	Solid	8021B	98434
890-7492-23	SS 420	Total/NA	Solid	8021B	98434
MB 880-98434/5-A	Method Blank	Total/NA	Solid	8021B	98434
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	8021B	98434
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98434

Analysis Batch: 98353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8021B	98435
890-7492-14	SS 154	Total/NA	Solid	8021B	98435
890-7492-15	SS 504	Total/NA	Solid	8021B	98435
890-7492-16	SS 398	Total/NA	Solid	8021B	98435
890-7492-17	SS 183	Total/NA	Solid	8021B	98435
890-7492-18	SS 200	Total/NA	Solid	8021B	98435
MB 880-98435/5-A	Method Blank	Total/NA	Solid	8021B	98435
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	8021B	98435
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98435

Prep Batch: 98432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	5035	
890-7492-2	SS 20	Total/NA	Solid	5035	
890-7492-3	SS 64	Total/NA	Solid	5035	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Prep Batch: 98432 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-4	SS 80	Total/NA	Solid	5035	
890-7492-5	SS 262	Total/NA	Solid	5035	
890-7492-6	SS 320	Total/NA	Solid	5035	
MB 880-98432/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	5035	
890-7492-8	SS 46	Total/NA	Solid	5035	
890-7492-9	SS 107	Total/NA	Solid	5035	
890-7492-10	SS 290	Total/NA	Solid	5035	
890-7492-11	SS 339	Total/NA	Solid	5035	
890-7492-12	SS 495	Total/NA	Solid	5035	
MB 880-98433/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	5035	
890-7492-20	SS 477	Total/NA	Solid	5035	
890-7492-21	SS 176	Total/NA	Solid	5035	
890-7492-22	SS 138	Total/NA	Solid	5035	
890-7492-23	SS 420	Total/NA	Solid	5035	
MB 880-98434/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	5035	
890-7492-14	SS 154	Total/NA	Solid	5035	
890-7492-15	SS 504	Total/NA	Solid	5035	
890-7492-16	SS 398	Total/NA	Solid	5035	
890-7492-17	SS 183	Total/NA	Solid	5035	
890-7492-18	SS 200	Total/NA	Solid	5035	
MB 880-98435/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 98498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	Total BTEX	
890-7492-2	SS 20	Total/NA	Solid	Total BTEX	
890-7492-3	SS 64	Total/NA	Solid	Total BTEX	
890-7492-4	SS 80	Total/NA	Solid	Total BTEX	
890-7492-5	SS 262	Total/NA	Solid	Total BTEX	
890-7492-6	SS 320	Total/NA	Solid	Total BTEX	
890-7492-7	SS 488	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Analysis Batch: 98498 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-8	SS 46	Total/NA	Solid	Total BTEX	
890-7492-9	SS 107	Total/NA	Solid	Total BTEX	
890-7492-10	SS 290	Total/NA	Solid	Total BTEX	
890-7492-11	SS 339	Total/NA	Solid	Total BTEX	
890-7492-12	SS 495	Total/NA	Solid	Total BTEX	
890-7492-13	SS 129	Total/NA	Solid	Total BTEX	
890-7492-14	SS 154	Total/NA	Solid	Total BTEX	
890-7492-15	SS 504	Total/NA	Solid	Total BTEX	
890-7492-16	SS 398	Total/NA	Solid	Total BTEX	
890-7492-17	SS 183	Total/NA	Solid	Total BTEX	
890-7492-18	SS 200	Total/NA	Solid	Total BTEX	
890-7492-19	SS 435	Total/NA	Solid	Total BTEX	
890-7492-20	SS 477	Total/NA	Solid	Total BTEX	
890-7492-21	SS 176	Total/NA	Solid	Total BTEX	
890-7492-22	SS 138	Total/NA	Solid	Total BTEX	
890-7492-23	SS 420	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 98401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015NM Prep	
890-7492-2	SS 20	Total/NA	Solid	8015NM Prep	
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 98402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-4	SS 80	Total/NA	Solid	8015NM Prep	
890-7492-5	SS 262	Total/NA	Solid	8015NM Prep	
890-7492-6	SS 320	Total/NA	Solid	8015NM Prep	
890-7492-7	SS 488	Total/NA	Solid	8015NM Prep	
890-7492-8	SS 46	Total/NA	Solid	8015NM Prep	
890-7492-9	SS 107	Total/NA	Solid	8015NM Prep	
890-7492-10	SS 290	Total/NA	Solid	8015NM Prep	
890-7492-11	SS 339	Total/NA	Solid	8015NM Prep	
890-7492-12	SS 495	Total/NA	Solid	8015NM Prep	
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-3 MS	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-3 MSD	SS 64	Total/NA	Solid	8015NM Prep	

Prep Batch: 98403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-14	SS 154	Total/NA	Solid	8015NM Prep	
890-7492-15	SS 504	Total/NA	Solid	8015NM Prep	
890-7492-16	SS 398	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Prep Batch: 98403 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-17	SS 183	Total/NA	Solid	8015NM Prep	
890-7492-18	SS 200	Total/NA	Solid	8015NM Prep	
890-7492-19	SS 435	Total/NA	Solid	8015NM Prep	
890-7492-20	SS 477	Total/NA	Solid	8015NM Prep	
890-7492-21	SS 176	Total/NA	Solid	8015NM Prep	
890-7492-22	SS 138	Total/NA	Solid	8015NM Prep	
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-13 MS	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-13 MSD	SS 129	Total/NA	Solid	8015NM Prep	

Prep Batch: 98404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015NM Prep	
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-23 MS	SS 420	Total/NA	Solid	8015NM Prep	
890-7492-23 MSD	SS 420	Total/NA	Solid	8015NM Prep	

Analysis Batch: 98423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015B NM	98401
890-7492-2	SS 20	Total/NA	Solid	8015B NM	98401
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015B NM	98401
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98401
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98401

Analysis Batch: 98425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-4	SS 80	Total/NA	Solid	8015B NM	98402
890-7492-5	SS 262	Total/NA	Solid	8015B NM	98402
890-7492-6	SS 320	Total/NA	Solid	8015B NM	98402
890-7492-7	SS 488	Total/NA	Solid	8015B NM	98402
890-7492-8	SS 46	Total/NA	Solid	8015B NM	98402
890-7492-9	SS 107	Total/NA	Solid	8015B NM	98402
890-7492-10	SS 290	Total/NA	Solid	8015B NM	98402
890-7492-11	SS 339	Total/NA	Solid	8015B NM	98402
890-7492-12	SS 495	Total/NA	Solid	8015B NM	98402
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015B NM	98402
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98402
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98402
890-7492-3 MS	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-3 MSD	SS 64	Total/NA	Solid	8015B NM	98402

Analysis Batch: 98427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-14	SS 154	Total/NA	Solid	8015B NM	98403

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Analysis Batch: 98427 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-15	SS 504	Total/NA	Solid	8015B NM	98403
890-7492-16	SS 398	Total/NA	Solid	8015B NM	98403
890-7492-17	SS 183	Total/NA	Solid	8015B NM	98403
890-7492-18	SS 200	Total/NA	Solid	8015B NM	98403
890-7492-19	SS 435	Total/NA	Solid	8015B NM	98403
890-7492-20	SS 477	Total/NA	Solid	8015B NM	98403
890-7492-21	SS 176	Total/NA	Solid	8015B NM	98403
890-7492-22	SS 138	Total/NA	Solid	8015B NM	98403
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015B NM	98403
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98403
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98403
890-7492-13 MS	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-13 MSD	SS 129	Total/NA	Solid	8015B NM	98403

Analysis Batch: 98430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015B NM	98404
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015B NM	98404
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98404
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98404
890-7492-23 MS	SS 420	Total/NA	Solid	8015B NM	98404
890-7492-23 MSD	SS 420	Total/NA	Solid	8015B NM	98404

Analysis Batch: 98523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015 NM	
890-7492-2	SS 20	Total/NA	Solid	8015 NM	
890-7492-3	SS 64	Total/NA	Solid	8015 NM	
890-7492-4	SS 80	Total/NA	Solid	8015 NM	
890-7492-5	SS 262	Total/NA	Solid	8015 NM	
890-7492-6	SS 320	Total/NA	Solid	8015 NM	
890-7492-7	SS 488	Total/NA	Solid	8015 NM	
890-7492-8	SS 46	Total/NA	Solid	8015 NM	
890-7492-9	SS 107	Total/NA	Solid	8015 NM	
890-7492-10	SS 290	Total/NA	Solid	8015 NM	
890-7492-11	SS 339	Total/NA	Solid	8015 NM	
890-7492-12	SS 495	Total/NA	Solid	8015 NM	
890-7492-13	SS 129	Total/NA	Solid	8015 NM	
890-7492-14	SS 154	Total/NA	Solid	8015 NM	
890-7492-15	SS 504	Total/NA	Solid	8015 NM	
890-7492-16	SS 398	Total/NA	Solid	8015 NM	
890-7492-17	SS 183	Total/NA	Solid	8015 NM	
890-7492-18	SS 200	Total/NA	Solid	8015 NM	
890-7492-19	SS 435	Total/NA	Solid	8015 NM	
890-7492-20	SS 477	Total/NA	Solid	8015 NM	
890-7492-21	SS 176	Total/NA	Solid	8015 NM	
890-7492-22	SS 138	Total/NA	Solid	8015 NM	
890-7492-23	SS 420	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC

Leach Batch: 98373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	DI Leach	
890-7492-13	SS 129	Soluble	Solid	DI Leach	
890-7492-14	SS 154	Soluble	Solid	DI Leach	
890-7492-15	SS 504	Soluble	Solid	DI Leach	
890-7492-16	SS 398	Soluble	Solid	DI Leach	
890-7492-17	SS 183	Soluble	Solid	DI Leach	
890-7492-18	SS 200	Soluble	Solid	DI Leach	
890-7492-19	SS 435	Soluble	Solid	DI Leach	
890-7492-20	SS 477	Soluble	Solid	DI Leach	
890-7492-21	SS 176	Soluble	Solid	DI Leach	
890-7492-22	SS 138	Soluble	Solid	DI Leach	
890-7492-23	SS 420	Soluble	Solid	DI Leach	
MB 880-98373/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-20 MS	SS 477	Soluble	Solid	DI Leach	
890-7492-20 MSD	SS 477	Soluble	Solid	DI Leach	

Leach Batch: 98374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	DI Leach	
890-7492-2	SS 20	Soluble	Solid	DI Leach	
890-7492-3	SS 64	Soluble	Solid	DI Leach	
890-7492-4	SS 80	Soluble	Solid	DI Leach	
890-7492-5	SS 262	Soluble	Solid	DI Leach	
890-7492-6	SS 320	Soluble	Solid	DI Leach	
890-7492-7	SS 488	Soluble	Solid	DI Leach	
890-7492-8	SS 46	Soluble	Solid	DI Leach	
890-7492-9	SS 107	Soluble	Solid	DI Leach	
890-7492-10	SS 290	Soluble	Solid	DI Leach	
890-7492-11	SS 339	Soluble	Solid	DI Leach	
MB 880-98374/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-2 MS	SS 20	Soluble	Solid	DI Leach	
890-7492-2 MSD	SS 20	Soluble	Solid	DI Leach	

Analysis Batch: 98376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	300.0	98374
890-7492-2	SS 20	Soluble	Solid	300.0	98374
890-7492-3	SS 64	Soluble	Solid	300.0	98374
890-7492-4	SS 80	Soluble	Solid	300.0	98374
890-7492-5	SS 262	Soluble	Solid	300.0	98374
890-7492-6	SS 320	Soluble	Solid	300.0	98374
890-7492-7	SS 488	Soluble	Solid	300.0	98374
890-7492-8	SS 46	Soluble	Solid	300.0	98374
890-7492-9	SS 107	Soluble	Solid	300.0	98374
890-7492-10	SS 290	Soluble	Solid	300.0	98374
890-7492-11	SS 339	Soluble	Solid	300.0	98374
MB 880-98374/1-A	Method Blank	Soluble	Solid	300.0	98374

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC (Continued)

Analysis Batch: 98376 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	300.0	98374
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98374
890-7492-2 MS	SS 20	Soluble	Solid	300.0	98374
890-7492-2 MSD	SS 20	Soluble	Solid	300.0	98374

Analysis Batch: 98377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	300.0	98373
890-7492-13	SS 129	Soluble	Solid	300.0	98373
890-7492-14	SS 154	Soluble	Solid	300.0	98373
890-7492-15	SS 504	Soluble	Solid	300.0	98373
890-7492-16	SS 398	Soluble	Solid	300.0	98373
890-7492-17	SS 183	Soluble	Solid	300.0	98373
890-7492-18	SS 200	Soluble	Solid	300.0	98373
890-7492-19	SS 435	Soluble	Solid	300.0	98373
890-7492-20	SS 477	Soluble	Solid	300.0	98373
890-7492-21	SS 176	Soluble	Solid	300.0	98373
890-7492-22	SS 138	Soluble	Solid	300.0	98373
890-7492-23	SS 420	Soluble	Solid	300.0	98373
MB 880-98373/1-A	Method Blank	Soluble	Solid	300.0	98373
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	300.0	98373
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98373
890-7492-20 MS	SS 477	Soluble	Solid	300.0	98373
890-7492-20 MSD	SS 477	Soluble	Solid	300.0	98373

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01
Date Collected: 12/19/24 08:20
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 11:51
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		5	98350	MNR	EET MID	12/20/24 13:55
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:55
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		20	98376	CH	EET MID	12/20/24 10:49

Client Sample ID: SS 20
Date Collected: 12/19/24 08:36
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:15
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:15
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 10:58

Client Sample ID: SS 64
Date Collected: 12/19/24 08:47
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 12:33
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:33
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 09:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 09:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:54

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80
Date Collected: 12/19/24 08:53
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:36
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:36
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:24
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:24
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:30

Client Sample ID: SS 262
Date Collected: 12/19/24 08:59
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		50	98350	MNR	EET MID	12/20/24 13:14
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:14
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:38
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:38
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:48

Client Sample ID: SS 320
Date Collected: 12/19/24 09:04
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		25	98350	MNR	EET MID	12/20/24 13:34
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:34
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:53
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:53
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:59

Client Sample ID: SS 488
Date Collected: 12/19/24 09:12
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		100	98351	MNR	EET MID	12/20/24 12:24
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:24

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:08
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:08
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:06

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 12:45
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:45
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:25
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:25
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:11

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:05
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:05
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:17

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:25
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:25
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:54
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:54

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 290**Lab Sample ID: 890-7492-10****Date Collected: 12/19/24 10:30****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:23

Client Sample ID: SS 339**Lab Sample ID: 890-7492-11****Date Collected: 12/19/24 10:37****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:46
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:46
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:29

Client Sample ID: SS 495**Lab Sample ID: 890-7492-12****Date Collected: 12/19/24 10:44****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 14:06
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:06
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:36

Client Sample ID: SS 129**Lab Sample ID: 890-7492-13****Date Collected: 12/19/24 11:07****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 11:49
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 11:49
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:43

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:10
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:10
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:00
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:00
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:50

Client Sample ID: SS 504

Lab Sample ID: 890-7492-15

Date Collected: 12/19/24 11:40

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		10	98353	MNR	EET MID	12/20/24 13:32
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:32
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:15
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:15
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:12

Client Sample ID: SS 398

Lab Sample ID: 890-7492-16

Date Collected: 12/19/24 11:27

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:30
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:30
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:31
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:31
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:19

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:51
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:51

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:47
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:47
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:26

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 13:11
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:11
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:03
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:03
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:33

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:07
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:07
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:20
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:20
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:40

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:27
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:27
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:36
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:36

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:48

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		10	98352	MNR	EET MID	12/20/24 13:28
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:28
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:52
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:52
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:09

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:48
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:48
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 14:07
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 14:07
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 10:16

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 13:08
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:08
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98404	EL	EET MID	12/19/24 21:32
Total/NA	Analysis	8015B NM		1	98430	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:38

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Accreditation/Certification Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7492-1	SS 01	Solid	12/19/24 08:20	12/19/24 15:45	- SURFACE
890-7492-2	SS 20	Solid	12/19/24 08:36	12/19/24 15:45	- SURFACE
890-7492-3	SS 64	Solid	12/19/24 08:47	12/19/24 15:45	- SURFACE
890-7492-4	SS 80	Solid	12/19/24 08:53	12/19/24 15:45	- SURFACE
890-7492-5	SS 262	Solid	12/19/24 08:59	12/19/24 15:45	- SURFACE
890-7492-6	SS 320	Solid	12/19/24 09:04	12/19/24 15:45	- SURFACE
890-7492-7	SS 488	Solid	12/19/24 09:12	12/19/24 15:45	- SURFACE
890-7492-8	SS 46	Solid	12/19/24 10:15	12/19/24 15:45	- SURFACE
890-7492-9	SS 107	Solid	12/19/24 10:22	12/19/24 15:45	- SURFACE
890-7492-10	SS 290	Solid	12/19/24 10:30	12/19/24 15:45	- SURFACE
890-7492-11	SS 339	Solid	12/19/24 10:37	12/19/24 15:45	- SURFACE
890-7492-12	SS 495	Solid	12/19/24 10:44	12/19/24 15:45	- SURFACE
890-7492-13	SS 129	Solid	12/19/24 11:07	12/19/24 15:45	- SURFACE
890-7492-14	SS 154	Solid	12/19/24 11:19	12/19/24 15:45	- SURFACE
890-7492-15	SS 504	Solid	12/19/24 11:40	12/19/24 15:45	- SURFACE
890-7492-16	SS 398	Solid	12/19/24 11:27	12/19/24 15:45	- SURFACE
890-7492-17	SS 183	Solid	12/19/24 11:44	12/19/24 15:45	- SURFACE
890-7492-18	SS 200	Solid	12/19/24 11:49	12/19/24 15:45	- SURFACE
890-7492-19	SS 435	Solid	12/19/24 11:53	12/19/24 15:45	- SURFACE
890-7492-20	SS 477	Solid	12/19/24 12:02	12/19/24 15:45	- SURFACE
890-7492-21	SS 176	Solid	12/19/24 12:07	12/19/24 15:45	- SURFACE
890-7492-22	SS 138	Solid	12/19/24 12:17	12/19/24 15:45	- SURFACE
890-7492-23	SS 420	Solid	12/19/24 12:22	12/19/24 15:45	- SURFACE

Chain of Custody



Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 1 of 3

Project Manager: <u>Michael Wicker</u>		Bill to: (if different)		<u>CDH Consulting</u>	
Company Name: <u>Cotto</u>		Company Name:			
Address:		Address:			
City, State ZIP:		City, State ZIP:			
Phone: <u>506-970-8459</u>		Email: <u>mwicker@cdhconsult.com</u>			

Project Name: <u>Close Encounter 30114</u>	Turn Around	Pres. Code
Project Number:	☐ Routine ☒ Rush	
Project Location: <u>Buckeye, NM</u>	Due Date: <u>12-20-2024</u>	
Sampler's Name: <u>Dakotah Cueto</u>	TAT starts the day received by the lab, if received by 4:30pm	
PO #:		

SAMPLE RECEIPT		Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐
Samples Received Intact:		Yes ☒ No ☐	Thermometer ID:	<u>Tuner</u>	
Cooler Custody Seals:		Yes ☒ No ☐	Correction Factor:	<u>-0.2</u>	
Sample Custody Seals:		Yes ☒ No ☐	Temperature Reading:	<u>5.8</u>	
Total Containers:		Corrected Temperature: <u>5.0</u>			

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters	Pres. Code	ANALYSIS REQUEST	Preservative Codes	Sample Comments
SS01	S	12-19-24	08:20	Surf	C	1				None: NO	DI Water: H ₂ O
SS20	S		08:36		C	1				Cool: Cool	MeOH: Me
SS64	S		08:47		C	1				HCL: HC	HNO ₃
SS80	S		08:53		C	1				H ₂ SO ₄ : H ₂	NaOH: Na
SS262	S		08:59		C	1				H ₃ PO ₄ : HP	
SS320	S		09:04		C	1				NaHSO ₄ : NABIS	
SS488	S		09:12		C	1				Na ₂ S ₂ O ₃ : NaSO ₃	
SS46	S		10:15		C	1				Zn Acetate+NaOH: Zn	
SS107	S		10:22		C	1				NaOH+Ascorbic Acid: SAPC	
SS290	S		10:30		C	1					

Total 200.7 / 6010 200.8 / 6020:		8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn	
Circle Method(s) and Metal(s) to be analyzed		TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471	

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>Dakotah Cueto</u>	<u>[Signature]</u>	12/19 1545			
3		4			
5		6			



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
 Midland, TX (432) 704-5440, San Antonio, TX (210) 505-3334
 EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
 Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 2 of 3

Project Manager: Michael Wicker		Bill to: (if different)		Work Order Comments	
Company Name: CETO		Company Name:		Program: ☐ UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
Address:		Address:		State of Project:	
City, State ZIP:		City, State ZIP:		Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Phone:		Email: mwicker@cetoconsult.com		Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name: Close Encounters Golf		Turn Around		Parameters		ANALYSIS REQUEST		Preservative Codes	
		☐ Routine	☒ Rush	Pres. Code					
Project Number:		Due Date: 12-20-2024							None: NO
Project Location:	Buckeye, NM	TAT starts the day received by the lab, if received by 4:30pm							Cool: Cool
Sampler's Name:	Dakotah Cweto								HCL: HC
PO #:									H ₂ SO ₄ : H ₂
SAMPLE RECEIPT		Temp Blank:	Yes No	Wet Ice:	Yes No				
Samples Received Intact:		Yes No		Thermometer ID:					
Cooler Custody Seals:		Yes No N/A		Correction Factor:					
Sample Custody Seals:		Yes No N/A		Temperature Reading:					
Total Containers:				Corrected Temperature:					

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Sample Comments
SS339	S	12/19/2024	10:37	Surf	C	1	
SS495	S		10:44		C	1	
SS129	S		11:07		C	1	
SS154	S		11:19		C	1	
SS504	S		11:40		C	1	
SS398	S		11:27		C	1	
SS183	S		11:34		C	1	
SS200	S		11:49		C	1	
SS435	S		11:53		C	1	
SS477	S		12:02		C	1	

Total 200.7 / 6010 200.8 / 6020:		8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn	
Circle Method(s) and Meta(s) to be analyzed		TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471	

Notes: Signature of this document and relinquishment of sample constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. Dakotah Cweto		2
3		4
5		6

Revised Date: 08/25/2020 Rev. 2020.2



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 382-7550, Carlsbad, NM (575) 988-3499
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 3 of 3

[illegible]

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Source: Eurofins Midland

List Number: 2

List Creation: 12/19/24 09:21 PM

Creator: Laing, Edmundo

Question	Answer	Comment
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time (excluding tests with immediate HTs)		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").		



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Michael Wicker
CDH Consulting
9446 Clermont St,
Thornton, Colorado 80229
Generated 12/20/2024 3:02:55 PM

JOB DESCRIPTION

CLOSE ENCOUNTER 301 H
BUCKEYE

JOB NUMBER

890-7492-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

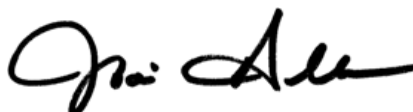
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
12/20/2024 3:02:55 PM

Authorized for release by
Jodi Allen, Project Manager I
Jodi.Allen@et.eurofinsus.com
(281)520-2865

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Laboratory Job ID: 890-7492-1
SDG: BUCKEYE

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Definitions/Glossary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1

Eurofins Carlsbad

Job Narrative 890-7492-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 12/19/2024 3:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 64 (890-7492-3), SS 80 (890-7492-4), SS 262 (890-7492-5), SS 320 (890-7492-6), SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11), SS 495 (890-7492-12), SS 129 (890-7492-13), SS 154 (890-7492-14), SS 504 (890-7492-15), SS 398 (890-7492-16), SS 183 (890-7492-17), SS 200 (890-7492-18), SS 435 (890-7492-19), SS 477 (890-7492-20), SS 176 (890-7492-21), SS 138 (890-7492-22) and SS 420 (890-7492-23).

GC VOA

Method 8021B: The following samples were diluted due to physical characteristics such as color, odor, appearance, viscosity, etc.>>: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 80 (890-7492-4), SS 262 (890-7492-5) and SS 320 (890-7492-6). Elevated reporting limits (RL) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 01 (890-7492-1), SS 20 (890-7492-2) and SS 64 (890-7492-3). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 398 (890-7492-16) and SS 200 (890-7492-18). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SS 176 (890-7492-21). Evidence of matrix interferences is not obvious.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11) and SS 495 (890-7492-12). Elevated reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 46 (890-7492-8), SS 290 (890-7492-10) and SS 495 (890-7492-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: SS 504 (890-7492-15). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-98402/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98402 and analytical batch 880-98425 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within

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Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1 (Continued)

Eurofins Carlsbad

acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SS 262 (890-7492-5). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Due to the high concentration of Diesel Range Organics (Over C10-C28), the matrix spike (MS) for preparation batch 880-98403 and analytical batch 880-98427 could not be evaluated for accuracy. The associated matrix spike duplicate (MSD) met acceptance criteria.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SS 477 (890-7492-20), (LCS 880-98403/2-A) and (LCSD 880-98403/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The method blank for preparation batch 880-98404 and analytical batch 880-98430 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-98404/2-A) and (LCSD 880-98404/3-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-98404 and analytical batch 880-98430 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The laboratory control sample (LCS) for preparation batch 880-98403 and analytical batch 880-98427 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10. Since only an acceptable LCSD is required per the method, the LCSD shows recovery for the batch and the data has been qualified and reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98374 and analytical batch 880-98376 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01

Lab Sample ID: 890-7492-1

Date Collected: 12/19/24 08:20

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0101	U	0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Ethylbenzene	0.0947		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Toluene	0.0306		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Xylenes, Total	1.81		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
m-Xylene & p-Xylene	0.0449		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
o-Xylene	1.77		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 11:51	20
1,4-Difluorobenzene (Surr)	124		70 - 130	12/20/24 08:24	12/20/24 11:51	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.94		0.0202		mg/Kg			12/20/24 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	287		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	287		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	12/19/24 21:26	12/20/24 12:09	1
o-Terphenyl	86		70 - 130	12/19/24 21:26	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17600		199		mg/Kg			12/20/24 10:49	20

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Ethylbenzene	0.0420		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Toluene	0.0216		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Xylenes, Total	0.350		0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
m-Xylene & p-Xylene	<0.0401	U	0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
o-Xylene	0.350		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	12/20/24 08:24	12/20/24 14:15	10

Eurofins Carlsbad

Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	136	S1+	70 - 130	12/20/24 08:24	12/20/24 14:15	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.414		0.0401		mg/Kg			12/20/24 14:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	110		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	110		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				12/19/24 21:26	12/20/24 12:23	1
o-Terphenyl	77		70 - 130				12/19/24 21:26	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300	F1	49.9		mg/Kg			12/20/24 10:58	5

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Ethylbenzene	0.242		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Toluene	0.0581		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Xylenes, Total	0.781		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
m-Xylene & p-Xylene	0.189		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
o-Xylene	0.592		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20
1,4-Difluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.08		0.0795		mg/Kg			12/20/24 12:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	631		50.0		mg/Kg			12/20/24 09:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Diesel Range Organics (Over C10-C28)	631	F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 09:40	1
o-Terphenyl	78		70 - 130				12/19/24 21:28	12/20/24 09:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3110		50.2		mg/Kg			12/20/24 11:54	5

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Ethylbenzene	0.0344		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Toluene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Xylenes, Total	0.680		0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
m-Xylene & p-Xylene	<0.0399	U	0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
o-Xylene	0.680		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				12/20/24 08:24	12/20/24 14:36	10
1,4-Difluorobenzene (Surr)	106		70 - 130				12/20/24 08:24	12/20/24 14:36	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.714		0.0399		mg/Kg			12/20/24 14:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	188		50.0		mg/Kg			12/20/24 10:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Diesel Range Organics (Over C10-C28)	188		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				12/19/24 21:28	12/20/24 10:24	1
o-Terphenyl	74		70 - 130				12/19/24 21:28	12/20/24 10:24	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3070		100		mg/Kg			12/20/24 11:30	10

Client Sample ID: SS 262

Lab Sample ID: 890-7492-5

Date Collected: 12/19/24 08:59

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Ethylbenzene	0.966		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Toluene	0.415		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Xylenes, Total	1.51		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
m-Xylene & p-Xylene	0.756		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
o-Xylene	0.754		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				12/20/24 08:24	12/20/24 13:14	50
1,4-Difluorobenzene (Surr)	122		70 - 130				12/20/24 08:24	12/20/24 13:14	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.89		0.202		mg/Kg			12/20/24 13:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	463		50.0		mg/Kg			12/20/24 10:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Diesel Range Organics (Over C10-C28)	463		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				12/19/24 21:28	12/20/24 10:38	1
o-Terphenyl	69	S1-	70 - 130				12/19/24 21:28	12/20/24 10:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4470		99.4		mg/Kg			12/20/24 11:48	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 320

Lab Sample ID: 890-7492-6

Date Collected: 12/19/24 09:04

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0503	U	0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Ethylbenzene	0.537		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Toluene	0.125		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Xylenes, Total	1.20		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
m-Xylene & p-Xylene	0.454		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
o-Xylene	0.746		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	12/20/24 08:24	12/20/24 13:34	25
1,4-Difluorobenzene (Surr)	126		70 - 130	12/20/24 08:24	12/20/24 13:34	25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.86		0.101		mg/Kg			12/20/24 13:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	876		49.7		mg/Kg			12/20/24 10:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Diesel Range Organics (Over C10-C28)	876		49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130	12/19/24 21:28	12/20/24 10:53	1
o-Terphenyl	75		70 - 130	12/19/24 21:28	12/20/24 10:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3410		49.8		mg/Kg			12/20/24 11:59	5

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.199	U	0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Ethylbenzene	1.92		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Toluene	0.602		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Xylenes, Total	3.04		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
m-Xylene & p-Xylene	1.78		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
o-Xylene	1.26		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	12/20/24 08:27	12/20/24 12:24	100

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	100		70 - 130	12/20/24 08:27	12/20/24 12:24	100

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	5.56		0.398		mg/Kg			12/20/24 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2500		49.8		mg/Kg			12/20/24 11:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.7		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Diesel Range Organics (Over C10-C28)	2410		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:08	1
o-Terphenyl	95		70 - 130				12/19/24 21:28	12/20/24 11:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3680		49.6		mg/Kg			12/20/24 12:06	5

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.11		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Ethylbenzene	9.28		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Toluene	7.96		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Xylenes, Total	10.9		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
m-Xylene & p-Xylene	6.88		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
o-Xylene	4.05		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130	12/20/24 08:27	12/20/24 12:45	50
1,4-Difluorobenzene (Surr)	94		70 - 130	12/20/24 08:27	12/20/24 12:45	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	29.3		0.200		mg/Kg			12/20/24 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1330		49.9		mg/Kg			12/20/24 11:25	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	95.0		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Diesel Range Organics (Over C10-C28)	1230		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:25	1
o-Terphenyl	81		70 - 130				12/19/24 21:28	12/20/24 11:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5420		101		mg/Kg			12/20/24 12:11	10

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Ethylbenzene	1.52		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Toluene	0.807		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Xylenes, Total	4.70		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
m-Xylene & p-Xylene	3.88		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
o-Xylene	0.815		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				12/20/24 08:27	12/20/24 13:05	50
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:27	12/20/24 13:05	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	7.02		0.202		mg/Kg			12/20/24 13:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	60.0		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Diesel Range Organics (Over C10-C28)	1450		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:40	1
o-Terphenyl	86		70 - 130				12/19/24 21:28	12/20/24 11:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5250		99.4		mg/Kg			12/20/24 12:17	10

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.151		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Ethylbenzene	3.30		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Toluene	1.75		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Xylenes, Total	4.33		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
m-Xylene & p-Xylene	2.60		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
o-Xylene	1.73		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:27	12/20/24 13:25	50
1,4-Difluorobenzene (Surr)	100		70 - 130				12/20/24 08:27	12/20/24 13:25	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	9.53		0.201		mg/Kg			12/20/24 13:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2470		49.8		mg/Kg			12/20/24 11:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	129		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Diesel Range Organics (Over C10-C28)	2340		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				12/19/24 21:28	12/20/24 11:54	1
o-Terphenyl	105		70 - 130				12/19/24 21:28	12/20/24 11:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5400		99.8		mg/Kg			12/20/24 12:23	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.106		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Ethylbenzene	3.81		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Toluene	1.12		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Xylenes, Total	5.28		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
m-Xylene & p-Xylene	3.48		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
o-Xylene	1.80		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	12/20/24 08:27	12/20/24 13:46	50
1,4-Difluorobenzene (Surr)	99		70 - 130	12/20/24 08:27	12/20/24 13:46	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	10.3		0.200		mg/Kg			12/20/24 13:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3950		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	154		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	3800		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	12/19/24 21:28	12/20/24 12:09	1
o-Terphenyl	121		70 - 130	12/19/24 21:28	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4280		49.9		mg/Kg			12/20/24 12:29	5

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0994	U	0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Ethylbenzene	5.40		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Toluene	1.34		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Xylenes, Total	7.57		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
m-Xylene & p-Xylene	4.90		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
o-Xylene	2.67		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130	12/20/24 08:27	12/20/24 14:06	50

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	12/20/24 08:27	12/20/24 14:06	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	14.3		0.199		mg/Kg			12/20/24 14:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3070		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	177		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	
Diesel Range Organics (Over C10-C28)	2890		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:28	12/20/24 12:23	1
o-Terphenyl	108		70 - 130				12/19/24 21:28	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3660		49.6		mg/Kg			12/20/24 08:36	5

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Ethylbenzene	0.0238		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Toluene	0.00837		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Xylenes, Total	0.0306		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
m-Xylene & p-Xylene	0.0204		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
o-Xylene	0.0102		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	12/20/24 08:33	12/20/24 11:49	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/20/24 08:33	12/20/24 11:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0628		0.00404		mg/Kg			12/20/24 11:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	538		49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Diesel Range Organics (Over C10-C28)	538	F1	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 11:11	1
o-Terphenyl	79		70 - 130				12/19/24 21:30	12/20/24 11:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3350		50.0		mg/Kg			12/20/24 08:43	5

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Ethylbenzene	0.0475		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Toluene	0.0124		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Xylenes, Total	0.0632		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
m-Xylene & p-Xylene	0.0373		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
o-Xylene	0.0259		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				12/20/24 08:33	12/20/24 12:10	1
1,4-Difluorobenzene (Surr)	93		70 - 130				12/20/24 08:33	12/20/24 12:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.123		0.00401		mg/Kg			12/20/24 12:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2710		49.8		mg/Kg			12/20/24 12:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Diesel Range Organics (Over C10-C28)	2710		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 12:00	1
o-Terphenyl	120		70 - 130				12/19/24 21:30	12/20/24 12:00	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1710		50.3		mg/Kg			12/20/24 08:50	5

Client Sample ID: SS 504

Lab Sample ID: 890-7492-15

Date Collected: 12/19/24 11:40

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Ethylbenzene	0.563		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Toluene	0.173		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Xylenes, Total	0.464		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
m-Xylene & p-Xylene	0.290		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
o-Xylene	0.174		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				12/20/24 08:33	12/20/24 13:32	10
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:33	12/20/24 13:32	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.20		0.0398		mg/Kg			12/20/24 13:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 12:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Diesel Range Organics (Over C10-C28)	1510		50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				12/19/24 21:30	12/20/24 12:15	1
o-Terphenyl	97		70 - 130				12/19/24 21:30	12/20/24 12:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2990		50.0		mg/Kg			12/20/24 09:12	5

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 398

Lab Sample ID: 890-7492-16

Date Collected: 12/19/24 11:27

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0262		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Ethylbenzene	0.199		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Toluene	0.168		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Xylenes, Total	0.269		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
m-Xylene & p-Xylene	0.158		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
o-Xylene	0.111		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	12/20/24 08:33	12/20/24 12:30	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:33	12/20/24 12:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.662		0.00399		mg/Kg			12/20/24 12:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3130		49.9		mg/Kg			12/20/24 12:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.1	*+	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Diesel Range Organics (Over C10-C28)	3040		49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	12/19/24 21:30	12/20/24 12:31	1
o-Terphenyl	120		70 - 130	12/19/24 21:30	12/20/24 12:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2960		50.1		mg/Kg			12/20/24 09:19	5

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Ethylbenzene	0.0487		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Toluene	0.00442		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Xylenes, Total	0.0402		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
m-Xylene & p-Xylene	0.0276		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
o-Xylene	0.0126		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	12/20/24 08:33	12/20/24 12:51	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	75		70 - 130	12/20/24 08:33	12/20/24 12:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0933		0.00404		mg/Kg			12/20/24 12:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	311		49.8		mg/Kg			12/20/24 12:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Diesel Range Organics (Over C10-C28)	311		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				12/19/24 21:30	12/20/24 12:47	1
o-Terphenyl	77		70 - 130				12/19/24 21:30	12/20/24 12:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.8		9.96		mg/Kg			12/20/24 09:26	1

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Ethylbenzene	0.191		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Toluene	0.110		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Xylenes, Total	0.265		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
m-Xylene & p-Xylene	0.156		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
o-Xylene	0.109		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130	12/20/24 08:33	12/20/24 13:11	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 13:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.566		0.00402		mg/Kg			12/20/24 13:11	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2050		49.9		mg/Kg			12/20/24 13:03	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Diesel Range Organics (Over C10-C28)	2050		49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				12/19/24 21:30	12/20/24 13:03	1
o-Terphenyl	106		70 - 130				12/19/24 21:30	12/20/24 13:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	930		10.0		mg/Kg			12/20/24 09:33	1

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Ethylbenzene	0.00665		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Toluene	0.00205		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Xylenes, Total	0.0105		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
m-Xylene & p-Xylene	0.00628		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
o-Xylene	0.00418		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				12/20/24 08:30	12/20/24 12:07	1
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 12:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0192		0.00404		mg/Kg			12/20/24 12:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	601		49.7		mg/Kg			12/20/24 13:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U **	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Diesel Range Organics (Over C10-C28)	601		49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				12/19/24 21:30	12/20/24 13:20	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 13:20	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3030		49.7		mg/Kg			12/20/24 09:40	5

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Xylenes, Total	0.133		0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
o-Xylene	0.133		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				12/20/24 08:30	12/20/24 12:27	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/20/24 08:30	12/20/24 12:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.133		0.00401		mg/Kg			12/20/24 12:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/20/24 13:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 13:36	1
o-Terphenyl	66	S1-	70 - 130				12/19/24 21:30	12/20/24 13:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		10.0		mg/Kg			12/20/24 09:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Ethylbenzene	0.950		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Toluene	0.199		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Xylenes, Total	1.58		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
m-Xylene & p-Xylene	0.943		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
o-Xylene	0.636		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	193	S1+	70 - 130	12/20/24 08:30	12/20/24 13:28	10
1,4-Difluorobenzene (Surr)	104		70 - 130	12/20/24 08:30	12/20/24 13:28	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.73		0.0398		mg/Kg			12/20/24 13:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2110		49.8		mg/Kg			12/20/24 13:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Diesel Range Organics (Over C10-C28)	2110		49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	12/19/24 21:30	12/20/24 13:52	1
o-Terphenyl	112		70 - 130	12/19/24 21:30	12/20/24 13:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	812		9.98		mg/Kg			12/20/24 10:09	1

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Ethylbenzene	0.0120		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Toluene	0.00377		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Xylenes, Total	0.0233		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
m-Xylene & p-Xylene	0.0102		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
o-Xylene	0.0131		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	12/20/24 08:30	12/20/24 12:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130	12/20/24 08:30	12/20/24 12:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0391		0.00399		mg/Kg			12/20/24 12:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	573		49.8		mg/Kg			12/20/24 14:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Diesel Range Organics (Over C10-C28)	573		49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 14:07	1
o-Terphenyl	78		70 - 130				12/19/24 21:30	12/20/24 14:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2650		50.1		mg/Kg			12/20/24 10:16	5

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Xylenes, Total	0.0889		0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
o-Xylene	0.0889		0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	12/20/24 08:30	12/20/24 13:08	1
1,4-Difluorobenzene (Surr)	91		70 - 130	12/20/24 08:30	12/20/24 13:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0889		0.00404		mg/Kg			12/20/24 13:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 420
Date Collected: 12/19/24 12:22
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-23
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	104		70 - 130				12/19/24 21:32	12/20/24 11:11	1	
o-Terphenyl	109		70 - 130				12/19/24 21:32	12/20/24 11:11	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	162		9.94		mg/Kg			12/20/24 10:38	1	

Surrogate Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
890-7492-1	SS 01	131 S1+	124
890-7492-2	SS 20	128	136 S1+
890-7492-3	SS 64	137 S1+	131 S1+
890-7492-4	SS 80	144 S1+	106
890-7492-5	SS 262	125	122
890-7492-6	SS 320	126	126
890-7492-7	SS 488	106	100
890-7492-8	SS 46	171 S1+	94
890-7492-9	SS 107	107	101
890-7492-10	SS 290	131 S1+	100
890-7492-11	SS 339	122	99
890-7492-12	SS 495	139 S1+	104
890-7492-13	SS 129	109	95
890-7492-14	SS 154	99	93
890-7492-15	SS 504	110	94
890-7492-16	SS 398	141 S1+	96
890-7492-17	SS 183	88	75
890-7492-18	SS 200	159 S1+	93
890-7492-19	SS 435	113	104
890-7492-20	SS 477	98	95
890-7492-21	SS 176	193 S1+	104
890-7492-22	SS 138	115	103
890-7492-23	SS 420	95	91
LCS 880-98432/1-A	Lab Control Sample	101	96
LCS 880-98433/1-A	Lab Control Sample	96	103
LCS 880-98434/1-A	Lab Control Sample	107	104
LCS 880-98435/1-A	Lab Control Sample	106	99
LCSD 880-98432/2-A	Lab Control Sample Dup	103	99
LCSD 880-98433/2-A	Lab Control Sample Dup	94	103
LCSD 880-98434/2-A	Lab Control Sample Dup	109	103
LCSD 880-98435/2-A	Lab Control Sample Dup	108	98
MB 880-98432/5-A	Method Blank	112	85
MB 880-98433/5-A	Method Blank	98	96
MB 880-98434/5-A	Method Blank	111	101
MB 880-98435/5-A	Method Blank	92	93

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1	OTPH1
		(70-130)	(70-130)
890-7492-1	SS 01	83	86
890-7492-2	SS 20	76	77
890-7492-3	SS 64	75	78
890-7492-3 MS	SS 64	78	76

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Surrogate Summary

Client: CDH Consulting

Job ID: 890-7492-1

Project/Site: CLOSE ENCOUNTER 301 H

SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-3 MSD	SS 64	77	76
890-7492-4	SS 80	73	74
890-7492-5	SS 262	70	69 S1-
890-7492-6	SS 320	74	75
890-7492-7	SS 488	75	95
890-7492-8	SS 46	75	81
890-7492-9	SS 107	75	86
890-7492-10	SS 290	85	105
890-7492-11	SS 339	84	121
890-7492-12	SS 495	88	108
890-7492-13	SS 129	84	79
890-7492-13 MS	SS 129	80	81
890-7492-13 MSD	SS 129	79	81
890-7492-14	SS 154	84	120
890-7492-15	SS 504	92	97
890-7492-16	SS 398	85	120
890-7492-17	SS 183	87	77
890-7492-18	SS 200	82	106
890-7492-19	SS 435	77	74
890-7492-20	SS 477	81	66 S1-
890-7492-21	SS 176	88	112
890-7492-22	SS 138	81	78
890-7492-23	SS 420	104	109
890-7492-23 MS	SS 420	92	99
890-7492-23 MSD	SS 420	92	99
LCS 880-98401/2-A	Lab Control Sample	118	102
LCS 880-98402/2-A	Lab Control Sample	121	104
LCS 880-98403/2-A	Lab Control Sample	136 S1+	123
LCS 880-98404/2-A	Lab Control Sample	158 S1+	172 S1+
LCSD 880-98401/3-A	Lab Control Sample Dup	110	95
LCSD 880-98402/3-A	Lab Control Sample Dup	145 S1+	123
LCSD 880-98403/3-A	Lab Control Sample Dup	133 S1+	120
LCSD 880-98404/3-A	Lab Control Sample Dup	166 S1+	175 S1+
MB 880-98401/1-A	Method Blank	81	80
MB 880-98402/1-A	Method Blank	75	75
MB 880-98403/1-A	Method Blank	91	74
MB 880-98404/1-A	Method Blank	93	96
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-98432/5-A							Client Sample ID: Method Blank		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 98350							Prep Batch: 98432		
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				12/20/24 08:24	12/20/24 11:08	1
1,4-Difluorobenzene (Surr)	85		70 - 130				12/20/24 08:24	12/20/24 11:08	1

Lab Sample ID: LCS 880-98432/1-A							Client Sample ID: Lab Control Sample		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 98350							Prep Batch: 98432		
Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Benzene		0.100	0.1137		mg/Kg		114	70 - 130	
Ethylbenzene		0.100	0.1107		mg/Kg		111	70 - 130	
Toluene		0.100	0.1082		mg/Kg		108	70 - 130	
m-Xylene & p-Xylene		0.200	0.2221		mg/Kg		111	70 - 130	
o-Xylene		0.100	0.1128		mg/Kg		113	70 - 130	
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	101		70 - 130						
1,4-Difluorobenzene (Surr)	96		70 - 130						

Lab Sample ID: LCSD 880-98432/2-A							Client Sample ID: Lab Control Sample Dup			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 98350							Prep Batch: 98432			
Analyte		Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene		0.100	0.1182		mg/Kg		118	70 - 130	4	35
Ethylbenzene		0.100	0.1145		mg/Kg		114	70 - 130	3	35
Toluene		0.100	0.1119		mg/Kg		112	70 - 130	3	35
m-Xylene & p-Xylene		0.200	0.2282		mg/Kg		114	70 - 130	3	35
o-Xylene		0.100	0.1165		mg/Kg		117	70 - 130	3	35
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits							
4-Bromofluorobenzene (Surr)	103		70 - 130							
1,4-Difluorobenzene (Surr)	99		70 - 130							

Lab Sample ID: MB 880-98433/5-A							Client Sample ID: Method Blank		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 98351							Prep Batch: 98433		
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	12/20/24 08:27	12/20/24 11:02	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:27	12/20/24 11:02	1

Lab Sample ID: LCS 880-98433/1-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1001		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09410		mg/Kg		94	70 - 130
Toluene	0.100	0.09371		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1885		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09536		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-98433/2-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1048		mg/Kg		105	70 - 130	5	35
Ethylbenzene	0.100	0.09886		mg/Kg		99	70 - 130	5	35
Toluene	0.100	0.09817		mg/Kg		98	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1969		mg/Kg		98	70 - 130	4	35
o-Xylene	0.100	0.09974		mg/Kg		100	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	111		70 - 130				12/20/24 08:30	12/20/24 11:25	1
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:30	12/20/24 11:25	1

Lab Sample ID: LCS 880-98434/1-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits		
		Result	Qualifier						
Benzene	0.100	0.1149		mg/Kg		115	70 - 130		
Ethylbenzene	0.100	0.1100		mg/Kg		110	70 - 130		
Toluene	0.100	0.1116		mg/Kg		112	70 - 130		
m-Xylene & p-Xylene	0.200	0.2234		mg/Kg		112	70 - 130		
o-Xylene	0.100	0.1142		mg/Kg		114	70 - 130		
Surrogate	LCS	LCS	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	107		70 - 130						
1,4-Difluorobenzene (Surr)	104		70 - 130						

Lab Sample ID: LCSD 880-98434/2-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.1162		mg/Kg		116	70 - 130	1	35
Ethylbenzene	0.100	0.1102		mg/Kg		110	70 - 130	0	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2247		mg/Kg		112	70 - 130	1	35
o-Xylene	0.100	0.1148		mg/Kg		115	70 - 130	1	35
Surrogate	LCSD	LCSD	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	109		70 - 130						
1,4-Difluorobenzene (Surr)	103		70 - 130						

Lab Sample ID: MB 880-98435/5-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98435

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac		
4-Bromofluorobenzene (Surr)	92		70 - 130	12/20/24 08:33	12/20/24 11:07	1			
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 11:07	1			

Lab Sample ID: LCS 880-98435/1-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1025		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.1037		mg/Kg		104	70 - 130
Toluene	0.100	0.1077		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2015		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1117		mg/Kg		112	70 - 130

	LCS	LCS							
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	106		70 - 130						
1,4-Difluorobenzene (Surr)	99		70 - 130						

Lab Sample ID: LCSD 880-98435/2-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1068		mg/Kg		107	70 - 130	4	35
Ethylbenzene	0.100	0.1065		mg/Kg		107	70 - 130	3	35
Toluene	0.100	0.1103		mg/Kg		110	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2041		mg/Kg		102	70 - 130	1	35
o-Xylene	0.100	0.1136		mg/Kg		114	70 - 130	2	35

	LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	108		70 - 130						
1,4-Difluorobenzene (Surr)	98		70 - 130						

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-98401/1-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98401

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac			
1-Chlorooctane	81		70 - 130	12/19/24 21:26	12/20/24 00:11	1				
o-Terphenyl	80		70 - 130	12/19/24 21:26	12/20/24 00:11	1				

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98401/2-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98401

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1058		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	960.9		mg/Kg		96	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	118		70 - 130				
o-Terphenyl	102		70 - 130				

Lab Sample ID: LCSD 880-98401/3-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98401

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1005		mg/Kg		101	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	903.5		mg/Kg		90	70 - 130	6	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	110		70 - 130						
o-Terphenyl	95		70 - 130						

Lab Sample ID: MB 880-98402/1-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98402

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1-Chlorooctane	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	
o-Terphenyl	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	

Lab Sample ID: LCS 880-98402/2-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1061		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1028		mg/Kg		103	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98402/2-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98402

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: LCSD 880-98402/3-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1288		mg/Kg		129	70 - 130	19	20
Diesel Range Organics (Over C10-C28)	1000	1231		mg/Kg		123	70 - 130	18	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	145	S1+	70 - 130
o-Terphenyl	123		70 - 130

Lab Sample ID: 890-7492-3 MS

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: SS 64

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	665.3	F1	mg/Kg		67	70 - 130
Diesel Range Organics (Over C10-C28)	631	F1	998	1155	F1	mg/Kg		53	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	78		70 - 130
o-Terphenyl	76		70 - 130

Lab Sample ID: 890-7492-3 MSD

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: SS 64

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	660.4	F1	mg/Kg		66	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	631	F1	998	1141	F1	mg/Kg		51	70 - 130	1	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	77		70 - 130
o-Terphenyl	76		70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-98403/1-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98403

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				12/19/24 21:30	12/20/24 09:12	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 09:12	1

Lab Sample ID: LCS 880-98403/2-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1333	*+	mg/Kg		133	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1178		mg/Kg		118	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	136	S1+	70 - 130				
o-Terphenyl	123		70 - 130				

Lab Sample ID: LCSD 880-98403/3-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1180		mg/Kg		118	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	1000	1166		mg/Kg		117	70 - 130	1	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	133	S1+	70 - 130						
o-Terphenyl	120		70 - 130						

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	997	729.6		mg/Kg		73	70 - 130
Diesel Range Organics (Over C10-C28)	538	F1	997	1207	F1	mg/Kg		67	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	80		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: 890-7492-13 MSD

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	997	855.4		mg/Kg		86	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	538	F1	997	1282		mg/Kg		75	70 - 130	6	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	79		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: MB 880-98404/1-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98404

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	93		70 - 130	12/19/24 21:32	12/20/24 09:12	1			
o-Terphenyl	96		70 - 130	12/19/24 21:32	12/20/24 09:12	1			

Lab Sample ID: LCS 880-98404/2-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1398	*+	mg/Kg		140	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1468	*+	mg/Kg		147	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	158	S1+	70 - 130
o-Terphenyl	172	S1+	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-98404/3-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1465	*+	mg/Kg		147	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	1590	*+	mg/Kg		159	70 - 130	8	20
		LCSD %Recovery	LCSD Qualifier						
Surrogate				Limits					
1-Chlorooctane		166	S1+	70 - 130					
o-Terphenyl		175	S1+	70 - 130					

Lab Sample ID: 890-7492-23 MS

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: SS 420

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	781.1		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	867.3		mg/Kg		84	70 - 130		
		MS %Recovery	MS Qualifier								
Surrogate				Limits							
1-Chlorooctane		92		70 - 130							
o-Terphenyl		99		70 - 130							

Lab Sample ID: 890-7492-23 MSD

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: SS 420

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	804.1		mg/Kg		80	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	863.1		mg/Kg		84	70 - 130	0	20
		MSD %Recovery	MSD Qualifier								
Surrogate				Limits							
1-Chlorooctane		92		70 - 130							
o-Terphenyl		99		70 - 130							

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-98374/1-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 08:34	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-98374/2-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.6		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-98374/3-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	245.0		mg/Kg		98	90 - 110	2	20

Lab Sample ID: 890-7492-2 MS

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1300	F1	1250	3073	F1	mg/Kg		142	90 - 110

Lab Sample ID: 890-7492-2 MSD

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1300	F1	1250	3070	F1	mg/Kg		142	90 - 110	0	20

Lab Sample ID: MB 880-98373/1-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 03:00	1

Lab Sample ID: LCS 880-98373/2-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	258.6		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-98373/3-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	257.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-7492-20 MS

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: SS 477

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	126		257	387.5		mg/Kg		102	90 - 110

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-7492-20 MSD							Client Sample ID: SS 477					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 98377												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	126		248	372.8		mg/Kg		100	90 - 110	4	20	

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA

Analysis Batch: 98350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-2	SS 20	Total/NA	Solid	8021B	98432
890-7492-3	SS 64	Total/NA	Solid	8021B	98432
890-7492-4	SS 80	Total/NA	Solid	8021B	98432
890-7492-5	SS 262	Total/NA	Solid	8021B	98432
890-7492-6	SS 320	Total/NA	Solid	8021B	98432
MB 880-98432/5-A	Method Blank	Total/NA	Solid	8021B	98432
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	8021B	98432
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98432

Analysis Batch: 98351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	8021B	98433
890-7492-8	SS 46	Total/NA	Solid	8021B	98433
890-7492-9	SS 107	Total/NA	Solid	8021B	98433
890-7492-10	SS 290	Total/NA	Solid	8021B	98433
890-7492-11	SS 339	Total/NA	Solid	8021B	98433
890-7492-12	SS 495	Total/NA	Solid	8021B	98433
MB 880-98433/5-A	Method Blank	Total/NA	Solid	8021B	98433
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	8021B	98433
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98433

Analysis Batch: 98352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	8021B	98434
890-7492-20	SS 477	Total/NA	Solid	8021B	98434
890-7492-21	SS 176	Total/NA	Solid	8021B	98434
890-7492-22	SS 138	Total/NA	Solid	8021B	98434
890-7492-23	SS 420	Total/NA	Solid	8021B	98434
MB 880-98434/5-A	Method Blank	Total/NA	Solid	8021B	98434
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	8021B	98434
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98434

Analysis Batch: 98353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8021B	98435
890-7492-14	SS 154	Total/NA	Solid	8021B	98435
890-7492-15	SS 504	Total/NA	Solid	8021B	98435
890-7492-16	SS 398	Total/NA	Solid	8021B	98435
890-7492-17	SS 183	Total/NA	Solid	8021B	98435
890-7492-18	SS 200	Total/NA	Solid	8021B	98435
MB 880-98435/5-A	Method Blank	Total/NA	Solid	8021B	98435
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	8021B	98435
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98435

Prep Batch: 98432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	5035	
890-7492-2	SS 20	Total/NA	Solid	5035	
890-7492-3	SS 64	Total/NA	Solid	5035	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Prep Batch: 98432 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-4	SS 80	Total/NA	Solid	5035	
890-7492-5	SS 262	Total/NA	Solid	5035	
890-7492-6	SS 320	Total/NA	Solid	5035	
MB 880-98432/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	5035	
890-7492-8	SS 46	Total/NA	Solid	5035	
890-7492-9	SS 107	Total/NA	Solid	5035	
890-7492-10	SS 290	Total/NA	Solid	5035	
890-7492-11	SS 339	Total/NA	Solid	5035	
890-7492-12	SS 495	Total/NA	Solid	5035	
MB 880-98433/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	5035	
890-7492-20	SS 477	Total/NA	Solid	5035	
890-7492-21	SS 176	Total/NA	Solid	5035	
890-7492-22	SS 138	Total/NA	Solid	5035	
890-7492-23	SS 420	Total/NA	Solid	5035	
MB 880-98434/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	5035	
890-7492-14	SS 154	Total/NA	Solid	5035	
890-7492-15	SS 504	Total/NA	Solid	5035	
890-7492-16	SS 398	Total/NA	Solid	5035	
890-7492-17	SS 183	Total/NA	Solid	5035	
890-7492-18	SS 200	Total/NA	Solid	5035	
MB 880-98435/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 98498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	Total BTEX	
890-7492-2	SS 20	Total/NA	Solid	Total BTEX	
890-7492-3	SS 64	Total/NA	Solid	Total BTEX	
890-7492-4	SS 80	Total/NA	Solid	Total BTEX	
890-7492-5	SS 262	Total/NA	Solid	Total BTEX	
890-7492-6	SS 320	Total/NA	Solid	Total BTEX	
890-7492-7	SS 488	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Analysis Batch: 98498 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-8	SS 46	Total/NA	Solid	Total BTEX	
890-7492-9	SS 107	Total/NA	Solid	Total BTEX	
890-7492-10	SS 290	Total/NA	Solid	Total BTEX	
890-7492-11	SS 339	Total/NA	Solid	Total BTEX	
890-7492-12	SS 495	Total/NA	Solid	Total BTEX	
890-7492-13	SS 129	Total/NA	Solid	Total BTEX	
890-7492-14	SS 154	Total/NA	Solid	Total BTEX	
890-7492-15	SS 504	Total/NA	Solid	Total BTEX	
890-7492-16	SS 398	Total/NA	Solid	Total BTEX	
890-7492-17	SS 183	Total/NA	Solid	Total BTEX	
890-7492-18	SS 200	Total/NA	Solid	Total BTEX	
890-7492-19	SS 435	Total/NA	Solid	Total BTEX	
890-7492-20	SS 477	Total/NA	Solid	Total BTEX	
890-7492-21	SS 176	Total/NA	Solid	Total BTEX	
890-7492-22	SS 138	Total/NA	Solid	Total BTEX	
890-7492-23	SS 420	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 98401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015NM Prep	
890-7492-2	SS 20	Total/NA	Solid	8015NM Prep	
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 98402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-4	SS 80	Total/NA	Solid	8015NM Prep	
890-7492-5	SS 262	Total/NA	Solid	8015NM Prep	
890-7492-6	SS 320	Total/NA	Solid	8015NM Prep	
890-7492-7	SS 488	Total/NA	Solid	8015NM Prep	
890-7492-8	SS 46	Total/NA	Solid	8015NM Prep	
890-7492-9	SS 107	Total/NA	Solid	8015NM Prep	
890-7492-10	SS 290	Total/NA	Solid	8015NM Prep	
890-7492-11	SS 339	Total/NA	Solid	8015NM Prep	
890-7492-12	SS 495	Total/NA	Solid	8015NM Prep	
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-3 MS	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-3 MSD	SS 64	Total/NA	Solid	8015NM Prep	

Prep Batch: 98403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-14	SS 154	Total/NA	Solid	8015NM Prep	
890-7492-15	SS 504	Total/NA	Solid	8015NM Prep	
890-7492-16	SS 398	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Prep Batch: 98403 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-17	SS 183	Total/NA	Solid	8015NM Prep	
890-7492-18	SS 200	Total/NA	Solid	8015NM Prep	
890-7492-19	SS 435	Total/NA	Solid	8015NM Prep	
890-7492-20	SS 477	Total/NA	Solid	8015NM Prep	
890-7492-21	SS 176	Total/NA	Solid	8015NM Prep	
890-7492-22	SS 138	Total/NA	Solid	8015NM Prep	
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-13 MS	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-13 MSD	SS 129	Total/NA	Solid	8015NM Prep	

Prep Batch: 98404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015NM Prep	
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-23 MS	SS 420	Total/NA	Solid	8015NM Prep	
890-7492-23 MSD	SS 420	Total/NA	Solid	8015NM Prep	

Analysis Batch: 98423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015B NM	98401
890-7492-2	SS 20	Total/NA	Solid	8015B NM	98401
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015B NM	98401
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98401
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98401

Analysis Batch: 98425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-4	SS 80	Total/NA	Solid	8015B NM	98402
890-7492-5	SS 262	Total/NA	Solid	8015B NM	98402
890-7492-6	SS 320	Total/NA	Solid	8015B NM	98402
890-7492-7	SS 488	Total/NA	Solid	8015B NM	98402
890-7492-8	SS 46	Total/NA	Solid	8015B NM	98402
890-7492-9	SS 107	Total/NA	Solid	8015B NM	98402
890-7492-10	SS 290	Total/NA	Solid	8015B NM	98402
890-7492-11	SS 339	Total/NA	Solid	8015B NM	98402
890-7492-12	SS 495	Total/NA	Solid	8015B NM	98402
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015B NM	98402
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98402
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98402
890-7492-3 MS	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-3 MSD	SS 64	Total/NA	Solid	8015B NM	98402

Analysis Batch: 98427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-14	SS 154	Total/NA	Solid	8015B NM	98403

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Analysis Batch: 98427 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-15	SS 504	Total/NA	Solid	8015B NM	98403
890-7492-16	SS 398	Total/NA	Solid	8015B NM	98403
890-7492-17	SS 183	Total/NA	Solid	8015B NM	98403
890-7492-18	SS 200	Total/NA	Solid	8015B NM	98403
890-7492-19	SS 435	Total/NA	Solid	8015B NM	98403
890-7492-20	SS 477	Total/NA	Solid	8015B NM	98403
890-7492-21	SS 176	Total/NA	Solid	8015B NM	98403
890-7492-22	SS 138	Total/NA	Solid	8015B NM	98403
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015B NM	98403
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98403
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98403
890-7492-13 MS	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-13 MSD	SS 129	Total/NA	Solid	8015B NM	98403

Analysis Batch: 98430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015B NM	98404
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015B NM	98404
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98404
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98404
890-7492-23 MS	SS 420	Total/NA	Solid	8015B NM	98404
890-7492-23 MSD	SS 420	Total/NA	Solid	8015B NM	98404

Analysis Batch: 98523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015 NM	
890-7492-2	SS 20	Total/NA	Solid	8015 NM	
890-7492-3	SS 64	Total/NA	Solid	8015 NM	
890-7492-4	SS 80	Total/NA	Solid	8015 NM	
890-7492-5	SS 262	Total/NA	Solid	8015 NM	
890-7492-6	SS 320	Total/NA	Solid	8015 NM	
890-7492-7	SS 488	Total/NA	Solid	8015 NM	
890-7492-8	SS 46	Total/NA	Solid	8015 NM	
890-7492-9	SS 107	Total/NA	Solid	8015 NM	
890-7492-10	SS 290	Total/NA	Solid	8015 NM	
890-7492-11	SS 339	Total/NA	Solid	8015 NM	
890-7492-12	SS 495	Total/NA	Solid	8015 NM	
890-7492-13	SS 129	Total/NA	Solid	8015 NM	
890-7492-14	SS 154	Total/NA	Solid	8015 NM	
890-7492-15	SS 504	Total/NA	Solid	8015 NM	
890-7492-16	SS 398	Total/NA	Solid	8015 NM	
890-7492-17	SS 183	Total/NA	Solid	8015 NM	
890-7492-18	SS 200	Total/NA	Solid	8015 NM	
890-7492-19	SS 435	Total/NA	Solid	8015 NM	
890-7492-20	SS 477	Total/NA	Solid	8015 NM	
890-7492-21	SS 176	Total/NA	Solid	8015 NM	
890-7492-22	SS 138	Total/NA	Solid	8015 NM	
890-7492-23	SS 420	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC

Leach Batch: 98373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	DI Leach	
890-7492-13	SS 129	Soluble	Solid	DI Leach	
890-7492-14	SS 154	Soluble	Solid	DI Leach	
890-7492-15	SS 504	Soluble	Solid	DI Leach	
890-7492-16	SS 398	Soluble	Solid	DI Leach	
890-7492-17	SS 183	Soluble	Solid	DI Leach	
890-7492-18	SS 200	Soluble	Solid	DI Leach	
890-7492-19	SS 435	Soluble	Solid	DI Leach	
890-7492-20	SS 477	Soluble	Solid	DI Leach	
890-7492-21	SS 176	Soluble	Solid	DI Leach	
890-7492-22	SS 138	Soluble	Solid	DI Leach	
890-7492-23	SS 420	Soluble	Solid	DI Leach	
MB 880-98373/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-20 MS	SS 477	Soluble	Solid	DI Leach	
890-7492-20 MSD	SS 477	Soluble	Solid	DI Leach	

Leach Batch: 98374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	DI Leach	
890-7492-2	SS 20	Soluble	Solid	DI Leach	
890-7492-3	SS 64	Soluble	Solid	DI Leach	
890-7492-4	SS 80	Soluble	Solid	DI Leach	
890-7492-5	SS 262	Soluble	Solid	DI Leach	
890-7492-6	SS 320	Soluble	Solid	DI Leach	
890-7492-7	SS 488	Soluble	Solid	DI Leach	
890-7492-8	SS 46	Soluble	Solid	DI Leach	
890-7492-9	SS 107	Soluble	Solid	DI Leach	
890-7492-10	SS 290	Soluble	Solid	DI Leach	
890-7492-11	SS 339	Soluble	Solid	DI Leach	
MB 880-98374/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-2 MS	SS 20	Soluble	Solid	DI Leach	
890-7492-2 MSD	SS 20	Soluble	Solid	DI Leach	

Analysis Batch: 98376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	300.0	98374
890-7492-2	SS 20	Soluble	Solid	300.0	98374
890-7492-3	SS 64	Soluble	Solid	300.0	98374
890-7492-4	SS 80	Soluble	Solid	300.0	98374
890-7492-5	SS 262	Soluble	Solid	300.0	98374
890-7492-6	SS 320	Soluble	Solid	300.0	98374
890-7492-7	SS 488	Soluble	Solid	300.0	98374
890-7492-8	SS 46	Soluble	Solid	300.0	98374
890-7492-9	SS 107	Soluble	Solid	300.0	98374
890-7492-10	SS 290	Soluble	Solid	300.0	98374
890-7492-11	SS 339	Soluble	Solid	300.0	98374
MB 880-98374/1-A	Method Blank	Soluble	Solid	300.0	98374

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC (Continued)

Analysis Batch: 98376 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	300.0	98374
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98374
890-7492-2 MS	SS 20	Soluble	Solid	300.0	98374
890-7492-2 MSD	SS 20	Soluble	Solid	300.0	98374

Analysis Batch: 98377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	300.0	98373
890-7492-13	SS 129	Soluble	Solid	300.0	98373
890-7492-14	SS 154	Soluble	Solid	300.0	98373
890-7492-15	SS 504	Soluble	Solid	300.0	98373
890-7492-16	SS 398	Soluble	Solid	300.0	98373
890-7492-17	SS 183	Soluble	Solid	300.0	98373
890-7492-18	SS 200	Soluble	Solid	300.0	98373
890-7492-19	SS 435	Soluble	Solid	300.0	98373
890-7492-20	SS 477	Soluble	Solid	300.0	98373
890-7492-21	SS 176	Soluble	Solid	300.0	98373
890-7492-22	SS 138	Soluble	Solid	300.0	98373
890-7492-23	SS 420	Soluble	Solid	300.0	98373
MB 880-98373/1-A	Method Blank	Soluble	Solid	300.0	98373
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	300.0	98373
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98373
890-7492-20 MS	SS 477	Soluble	Solid	300.0	98373
890-7492-20 MSD	SS 477	Soluble	Solid	300.0	98373

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01
Date Collected: 12/19/24 08:20
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 11:51
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		5	98350	MNR	EET MID	12/20/24 13:55
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:55
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		20	98376	CH	EET MID	12/20/24 10:49

Client Sample ID: SS 20
Date Collected: 12/19/24 08:36
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:15
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:15
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 10:58

Client Sample ID: SS 64
Date Collected: 12/19/24 08:47
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 12:33
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:33
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 09:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 09:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:54

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Date Collected: 12/19/24 08:53

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:36
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:36
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:24
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:24
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:30

Client Sample ID: SS 262

Date Collected: 12/19/24 08:59

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		50	98350	MNR	EET MID	12/20/24 13:14
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:14
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:38
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:38
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:48

Client Sample ID: SS 320

Date Collected: 12/19/24 09:04

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		25	98350	MNR	EET MID	12/20/24 13:34
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:34
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:53
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:53
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:59

Client Sample ID: SS 488

Date Collected: 12/19/24 09:12

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		100	98351	MNR	EET MID	12/20/24 12:24
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:24

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:08
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:08
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:06

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 12:45
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:45
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:25
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:25
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:11

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:05
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:05
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:17

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:25
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:25
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:54
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:54

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 290
Date Collected: 12/19/24 10:30
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:23

Client Sample ID: SS 339
Date Collected: 12/19/24 10:37
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:46
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:46
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:29

Client Sample ID: SS 495
Date Collected: 12/19/24 10:44
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 14:06
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:06
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:36

Client Sample ID: SS 129
Date Collected: 12/19/24 11:07
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 11:49
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 11:49
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:43

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154
Date Collected: 12/19/24 11:19
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:10
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:10
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:00
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:00
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:50

Client Sample ID: SS 504
Date Collected: 12/19/24 11:40
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		10	98353	MNR	EET MID	12/20/24 13:32
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:32
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:15
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:15
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:12

Client Sample ID: SS 398
Date Collected: 12/19/24 11:27
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:30
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:30
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:31
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:31
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:19

Client Sample ID: SS 183
Date Collected: 12/19/24 11:44
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:51
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:51

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:47
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:47
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:26

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 13:11
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:11
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:03
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:03
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:33

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:07
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:07
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:20
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:20
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:40

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:27
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:27
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:36
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:36

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:48

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		10	98352	MNR	EET MID	12/20/24 13:28
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:28
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:52
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:52
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:09

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:48
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:48
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 14:07
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 14:07
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 10:16

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 13:08
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:08
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98404	EL	EET MID	12/19/24 21:32
Total/NA	Analysis	8015B NM		1	98430	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:38

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
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- 10
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- 12
- 13
- 14

Accreditation/Certification Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7492-1	SS 01	Solid	12/19/24 08:20	12/19/24 15:45	- SURFACE
890-7492-2	SS 20	Solid	12/19/24 08:36	12/19/24 15:45	- SURFACE
890-7492-3	SS 64	Solid	12/19/24 08:47	12/19/24 15:45	- SURFACE
890-7492-4	SS 80	Solid	12/19/24 08:53	12/19/24 15:45	- SURFACE
890-7492-5	SS 262	Solid	12/19/24 08:59	12/19/24 15:45	- SURFACE
890-7492-6	SS 320	Solid	12/19/24 09:04	12/19/24 15:45	- SURFACE
890-7492-7	SS 488	Solid	12/19/24 09:12	12/19/24 15:45	- SURFACE
890-7492-8	SS 46	Solid	12/19/24 10:15	12/19/24 15:45	- SURFACE
890-7492-9	SS 107	Solid	12/19/24 10:22	12/19/24 15:45	- SURFACE
890-7492-10	SS 290	Solid	12/19/24 10:30	12/19/24 15:45	- SURFACE
890-7492-11	SS 339	Solid	12/19/24 10:37	12/19/24 15:45	- SURFACE
890-7492-12	SS 495	Solid	12/19/24 10:44	12/19/24 15:45	- SURFACE
890-7492-13	SS 129	Solid	12/19/24 11:07	12/19/24 15:45	- SURFACE
890-7492-14	SS 154	Solid	12/19/24 11:19	12/19/24 15:45	- SURFACE
890-7492-15	SS 504	Solid	12/19/24 11:40	12/19/24 15:45	- SURFACE
890-7492-16	SS 398	Solid	12/19/24 11:27	12/19/24 15:45	- SURFACE
890-7492-17	SS 183	Solid	12/19/24 11:44	12/19/24 15:45	- SURFACE
890-7492-18	SS 200	Solid	12/19/24 11:49	12/19/24 15:45	- SURFACE
890-7492-19	SS 435	Solid	12/19/24 11:53	12/19/24 15:45	- SURFACE
890-7492-20	SS 477	Solid	12/19/24 12:02	12/19/24 15:45	- SURFACE
890-7492-21	SS 176	Solid	12/19/24 12:07	12/19/24 15:45	- SURFACE
890-7492-22	SS 138	Solid	12/19/24 12:17	12/19/24 15:45	- SURFACE
890-7492-23	SS 420	Solid	12/19/24 12:22	12/19/24 15:45	- SURFACE



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
 Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
 EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
 Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 1 of 3

Project Manager: <u>Michael Wicker</u>		Bill to: (if different)		<u>CDH Consulting</u>	
Company Name: <u>Cotto</u>		Company Name:		Program: ☐ PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
Address:		Address:		State of Project:	
City, State ZIP:		City, State ZIP:		Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Phone: <u>1616-970-8459</u>		Email: <u>mwicker@cdhconsult.com</u>		Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name: <u>Close Encounter 30114</u>		Turn Around		Preservative Codes	
		☐ Routine	☒ Rush	None: NO	DI Water: H ₂ O
Project Number:		Due Date: <u>12-20-2024</u>		Cool: Cool	MeOH: Me
Project Location: <u>Buckeye, NM</u>		TAT starts the day received by the lab, if received by 4:30pm		HCL: HC	HNO ₃
Sampler's Name: <u>Dakotah Cueto</u>				H ₂ SO ₄ : H ₂	NaOH: Na
PO #:				H ₃ PO ₄ : HP	

SAMPLE RECEIPT		Temp Blank:		Wet Ice:		Thermometer ID:		Correction Factor:		Temperature Reading:		Corrected Temperature:	
Yes	No	Yes	No	Yes	No								
☒	☐	☒	☐	☒	☐	<u>Turner</u>		<u>-0.2</u>		<u>5.8</u>		<u>5.0</u>	
Samples Received Intact:		Cooler Custody Seals:		Sample Custody Seals:		Total Containers:							

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters	Freeze Code	ANALYSIS REQUEST	Preservative Codes	Sample Comments
SS01	S	12-19-24	08:20	Surf	C	1					
SS20	S		08:36		C	1					
SS64	S		08:47		C	1					
SS80	S		08:53		C	1					
SS262	S		08:59		C	1					
SS320	S		09:04		C	1					
SS488	S		09:12		C	1					
SS46	S		10:15		C	1					
SS107	S		10:22		C	1					
SS290	S		10:30		C	1					

990-7492 Chain of Custody

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
 Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471**

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>Dakotah Cueto</u>	<u>[Signature]</u>	<u>12/19 1545</u>			
3		4			
5		6			



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
 Midland, TX (432) 704-5440, San Antonio, TX (210) 505-3334
 EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
 Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 2 of 3

Project Manager: Michael Wicker		Bill to: (if different)		Work Order Comments	
Company Name: CETO		Company Name:		Program: ☐ UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
Address:		Address:		State of Project:	
City, State ZIP:		City, State ZIP:		Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Phone:		Email: mwicker@cetoconsult.com		Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name: Close Encounters Golf		Turn Around		ANALYSIS REQUEST		Preservative Codes	
		☐ Routine	☒ Rush				
Project Number:		Due Date: 12-20-2024				None: NO DI Water: H ₂ O	
Project Location:	Buckeye, NM	TAT starts the day received by the lab, if received by 4:30pm				Cool: Cool MeOH: Me	
Sampler's Name:	Dakotah Cweto					HCL: HC HNO ₃	
PO #:						H ₂ SO ₄ : H ₂ NaOH: Na	
SAMPLE RECEIPT		Temp Blank:	Yes No			H ₃ PO ₄ : HP	
Samples Received Intact:	Yes No	Thermometer ID:				NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes No N/A	Correction Factor:				Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes No N/A	Temperature Reading:				Zn Acetate+NaOH: Zn	
Total Containers:		Corrected Temperature:				NaOH+Ascorbic Acid: SAPC	

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Sample Comments
SS339	S	12/19/2024	10:37	Surf	C	1	
SS495	S		10:44		C	1	
SS129	S		11:07		C	1	
SS154	S		11:19		C	1	
SS504	S		11:40		C	1	
SS398	S		11:27		C	1	
SS183	S		11:34		C	1	
SS200	S		11:49		C	1	
SS435	S		11:53		C	1	
SS477	S		12:02		C	1	

Total 200.7 / 6010 200.8 / 6020:		8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn	
Circle Method(s) and Meta(s) to be analyzed		TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471	

Notes: Signature of this document and relinquishment of sample constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. Dakotah Cweto		2
3		4
5		6

Revised Date: 08/25/2020 Rev. 2020.2



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3499
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 3 of 3

Project Manager:								Michael Wicker							
Company Name:								CORTO							
Address:															
City, State ZIP:															
Phone:								606-970-8469							
Email:								mwicker@cdmconsult.com							
Bill To: (if different)								CDM Consulting							
Company Name:															
Address:															
City, State ZIP:															
Turn Around								Pres. Code							
☐ Routine ☒ Rush															
Due Date: 12-20-2024															
TAT starts the day received by the lab, if received by 4:30pm															
SAMPLE RECEIPT															
Temp Blank:								Yes No Yes No							
Samples Received Intact:								Yes No Thermometer ID:							
Cooler Custody Seals:								Yes No N/A Correction Factor:							
Sample Custody Seals:								Yes No N/A Temperature Reading:							
Total Containers:								Corrected Temperature:							
Date Sampled								Time Sampled Depth Grab/Comp Cont							
SS176								S 12/19/2024 13:07 SUR C 1							
SS138								S ? 13:17 S C 1							
SS420								S ? 13:22 S C 1							
Matrix															
Sample Identification															
Total	200.7 / 6010	200.8 / 6020:	8RCRA	13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn											
Circle Method(s) and Metal(s) to be analyzed					TCLP / SPLP 6010: 8RCRA	Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471									
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.															
Relinquished by: (Signature) Dorothah Guebo				Received by: (Signature)				Date/Time 2		Relinquished by: (Signature)			Received by: (Signature)		Date/Time

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Source: Eurofins Midland

List Number: 2

List Creation: 12/19/24 09:21 PM

Creator: Laing, Edmundo

Question	Answer	Comment
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time (excluding tests with immediate HTs)		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").		



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Michael Wicker
CDH Consulting
9446 Clermont St,
Thornton, Colorado 80229
Generated 12/20/2024 3:02:55 PM

JOB DESCRIPTION

CLOSE ENCOUNTER 301 H
BUCKEYE

JOB NUMBER

890-7492-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220



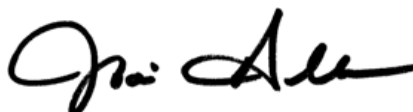
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
12/20/2024 3:02:55 PM

Authorized for release by
Jodi Allen, Project Manager I
Jodi.Allen@et.eurofinsus.com
(281)520-2865

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Laboratory Job ID: 890-7492-1
SDG: BUCKEYE

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Definitions/Glossary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1**Eurofins Carlsbad****Job Narrative
890-7492-1**

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 12/19/2024 3:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 64 (890-7492-3), SS 80 (890-7492-4), SS 262 (890-7492-5), SS 320 (890-7492-6), SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11), SS 495 (890-7492-12), SS 129 (890-7492-13), SS 154 (890-7492-14), SS 504 (890-7492-15), SS 398 (890-7492-16), SS 183 (890-7492-17), SS 200 (890-7492-18), SS 435 (890-7492-19), SS 477 (890-7492-20), SS 176 (890-7492-21), SS 138 (890-7492-22) and SS 420 (890-7492-23).

GC VOA

Method 8021B: The following samples were diluted due to physical characteristics such as color, odor, appearance, viscosity, etc. >>: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 80 (890-7492-4), SS 262 (890-7492-5) and SS 320 (890-7492-6). Elevated reporting limits (RL) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 01 (890-7492-1), SS 20 (890-7492-2) and SS 64 (890-7492-3). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 398 (890-7492-16) and SS 200 (890-7492-18). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SS 176 (890-7492-21). Evidence of matrix interferences is not obvious.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11) and SS 495 (890-7492-12). Elevated reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 46 (890-7492-8), SS 290 (890-7492-10) and SS 495 (890-7492-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: SS 504 (890-7492-15). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-98402/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98402 and analytical batch 880-98425 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within

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Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1 (Continued)

Eurofins Carlsbad

acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SS 262 (890-7492-5). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Due to the high concentration of Diesel Range Organics (Over C10-C28), the matrix spike (MS) for preparation batch 880-98403 and analytical batch 880-98427 could not be evaluated for accuracy. The associated matrix spike duplicate (MSD) met acceptance criteria.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SS 477 (890-7492-20), (LCS 880-98403/2-A) and (LCSD 880-98403/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The method blank for preparation batch 880-98404 and analytical batch 880-98430 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-98404/2-A) and (LCSD 880-98404/3-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-98404 and analytical batch 880-98430 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The laboratory control sample (LCS) for preparation batch 880-98403 and analytical batch 880-98427 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10. Since only an acceptable LCSD is required per the method, the LCSD shows recovery for the batch and the data has been qualified and reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98374 and analytical batch 880-98376 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01

Lab Sample ID: 890-7492-1

Date Collected: 12/19/24 08:20

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0101	U	0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Ethylbenzene	0.0947		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Toluene	0.0306		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Xylenes, Total	1.81		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
m-Xylene & p-Xylene	0.0449		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
o-Xylene	1.77		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 11:51	20
1,4-Difluorobenzene (Surr)	124		70 - 130	12/20/24 08:24	12/20/24 11:51	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.94		0.0202		mg/Kg			12/20/24 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	287		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	287		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	12/19/24 21:26	12/20/24 12:09	1
o-Terphenyl	86		70 - 130	12/19/24 21:26	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17600		199		mg/Kg			12/20/24 10:49	20

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Ethylbenzene	0.0420		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Toluene	0.0216		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Xylenes, Total	0.350		0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
m-Xylene & p-Xylene	<0.0401	U	0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
o-Xylene	0.350		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	12/20/24 08:24	12/20/24 14:15	10

Eurofins Carlsbad

Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	136	S1+	70 - 130	12/20/24 08:24	12/20/24 14:15	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.414		0.0401		mg/Kg			12/20/24 14:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	110		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	110		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				12/19/24 21:26	12/20/24 12:23	1
o-Terphenyl	77		70 - 130				12/19/24 21:26	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300	F1	49.9		mg/Kg			12/20/24 10:58	5

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Ethylbenzene	0.242		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Toluene	0.0581		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Xylenes, Total	0.781		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
m-Xylene & p-Xylene	0.189		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
o-Xylene	0.592		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20
1,4-Difluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.08		0.0795		mg/Kg			12/20/24 12:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	631		50.0		mg/Kg			12/20/24 09:40	1

Eurofins Carlsbad

Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Diesel Range Organics (Over C10-C28)	631	F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 09:40	1
o-Terphenyl	78		70 - 130				12/19/24 21:28	12/20/24 09:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3110		50.2		mg/Kg			12/20/24 11:54	5

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Ethylbenzene	0.0344		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Toluene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Xylenes, Total	0.680		0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
m-Xylene & p-Xylene	<0.0399	U	0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
o-Xylene	0.680		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				12/20/24 08:24	12/20/24 14:36	10
1,4-Difluorobenzene (Surr)	106		70 - 130				12/20/24 08:24	12/20/24 14:36	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.714		0.0399		mg/Kg			12/20/24 14:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	188		50.0		mg/Kg			12/20/24 10:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Diesel Range Organics (Over C10-C28)	188		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				12/19/24 21:28	12/20/24 10:24	1
o-Terphenyl	74		70 - 130				12/19/24 21:28	12/20/24 10:24	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3070		100		mg/Kg			12/20/24 11:30	10

Client Sample ID: SS 262

Lab Sample ID: 890-7492-5

Date Collected: 12/19/24 08:59

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Ethylbenzene	0.966		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Toluene	0.415		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Xylenes, Total	1.51		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
m-Xylene & p-Xylene	0.756		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
o-Xylene	0.754		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				12/20/24 08:24	12/20/24 13:14	50
1,4-Difluorobenzene (Surr)	122		70 - 130				12/20/24 08:24	12/20/24 13:14	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.89		0.202		mg/Kg			12/20/24 13:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	463		50.0		mg/Kg			12/20/24 10:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Diesel Range Organics (Over C10-C28)	463		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				12/19/24 21:28	12/20/24 10:38	1
o-Terphenyl	69	S1-	70 - 130				12/19/24 21:28	12/20/24 10:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4470		99.4		mg/Kg			12/20/24 11:48	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 320

Lab Sample ID: 890-7492-6

Date Collected: 12/19/24 09:04

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0503	U	0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Ethylbenzene	0.537		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Toluene	0.125		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Xylenes, Total	1.20		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
m-Xylene & p-Xylene	0.454		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
o-Xylene	0.746		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	12/20/24 08:24	12/20/24 13:34	25
1,4-Difluorobenzene (Surr)	126		70 - 130	12/20/24 08:24	12/20/24 13:34	25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.86		0.101		mg/Kg			12/20/24 13:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	876		49.7		mg/Kg			12/20/24 10:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Diesel Range Organics (Over C10-C28)	876		49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130	12/19/24 21:28	12/20/24 10:53	1
o-Terphenyl	75		70 - 130	12/19/24 21:28	12/20/24 10:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3410		49.8		mg/Kg			12/20/24 11:59	5

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.199	U	0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Ethylbenzene	1.92		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Toluene	0.602		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Xylenes, Total	3.04		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
m-Xylene & p-Xylene	1.78		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
o-Xylene	1.26		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	12/20/24 08:27	12/20/24 12:24	100

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	100		70 - 130	12/20/24 08:27	12/20/24 12:24	100

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	5.56		0.398		mg/Kg			12/20/24 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2500		49.8		mg/Kg			12/20/24 11:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.7		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Diesel Range Organics (Over C10-C28)	2410		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:08	1
o-Terphenyl	95		70 - 130				12/19/24 21:28	12/20/24 11:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3680		49.6		mg/Kg			12/20/24 12:06	5

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.11		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Ethylbenzene	9.28		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Toluene	7.96		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Xylenes, Total	10.9		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
m-Xylene & p-Xylene	6.88		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
o-Xylene	4.05		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130				12/20/24 08:27	12/20/24 12:45	50
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:27	12/20/24 12:45	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	29.3		0.200		mg/Kg			12/20/24 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1330		49.9		mg/Kg			12/20/24 11:25	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	95.0		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Diesel Range Organics (Over C10-C28)	1230		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:25	1
o-Terphenyl	81		70 - 130				12/19/24 21:28	12/20/24 11:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5420		101		mg/Kg			12/20/24 12:11	10

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Ethylbenzene	1.52		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Toluene	0.807		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Xylenes, Total	4.70		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
m-Xylene & p-Xylene	3.88		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
o-Xylene	0.815		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				12/20/24 08:27	12/20/24 13:05	50
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:27	12/20/24 13:05	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	7.02		0.202		mg/Kg			12/20/24 13:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	60.0		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Diesel Range Organics (Over C10-C28)	1450		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:40	1
o-Terphenyl	86		70 - 130				12/19/24 21:28	12/20/24 11:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5250		99.4		mg/Kg			12/20/24 12:17	10

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.151		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Ethylbenzene	3.30		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Toluene	1.75		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Xylenes, Total	4.33		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
m-Xylene & p-Xylene	2.60		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
o-Xylene	1.73		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:27	12/20/24 13:25	50
1,4-Difluorobenzene (Surr)	100		70 - 130				12/20/24 08:27	12/20/24 13:25	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	9.53		0.201		mg/Kg			12/20/24 13:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2470		49.8		mg/Kg			12/20/24 11:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	129		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Diesel Range Organics (Over C10-C28)	2340		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				12/19/24 21:28	12/20/24 11:54	1
o-Terphenyl	105		70 - 130				12/19/24 21:28	12/20/24 11:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5400		99.8		mg/Kg			12/20/24 12:23	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.106		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Ethylbenzene	3.81		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Toluene	1.12		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Xylenes, Total	5.28		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
m-Xylene & p-Xylene	3.48		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
o-Xylene	1.80		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	12/20/24 08:27	12/20/24 13:46	50
1,4-Difluorobenzene (Surr)	99		70 - 130	12/20/24 08:27	12/20/24 13:46	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	10.3		0.200		mg/Kg			12/20/24 13:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3950		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	154		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	3800		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	12/19/24 21:28	12/20/24 12:09	1
o-Terphenyl	121		70 - 130	12/19/24 21:28	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4280		49.9		mg/Kg			12/20/24 12:29	5

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0994	U	0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Ethylbenzene	5.40		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Toluene	1.34		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Xylenes, Total	7.57		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
m-Xylene & p-Xylene	4.90		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
o-Xylene	2.67		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130	12/20/24 08:27	12/20/24 14:06	50

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	12/20/24 08:27	12/20/24 14:06	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	14.3		0.199		mg/Kg			12/20/24 14:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3070		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	177		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	
Diesel Range Organics (Over C10-C28)	2890		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:28	12/20/24 12:23	1
o-Terphenyl	108		70 - 130				12/19/24 21:28	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3660		49.6		mg/Kg			12/20/24 08:36	5

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Ethylbenzene	0.0238		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Toluene	0.00837		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Xylenes, Total	0.0306		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
m-Xylene & p-Xylene	0.0204		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
o-Xylene	0.0102		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	12/20/24 08:33	12/20/24 11:49	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/20/24 08:33	12/20/24 11:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0628		0.00404		mg/Kg			12/20/24 11:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	538		49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Diesel Range Organics (Over C10-C28)	538	F1	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 11:11	1
o-Terphenyl	79		70 - 130				12/19/24 21:30	12/20/24 11:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3350		50.0		mg/Kg			12/20/24 08:43	5

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Ethylbenzene	0.0475		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Toluene	0.0124		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Xylenes, Total	0.0632		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
m-Xylene & p-Xylene	0.0373		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
o-Xylene	0.0259		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				12/20/24 08:33	12/20/24 12:10	1
1,4-Difluorobenzene (Surr)	93		70 - 130				12/20/24 08:33	12/20/24 12:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.123		0.00401		mg/Kg			12/20/24 12:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2710		49.8		mg/Kg			12/20/24 12:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Diesel Range Organics (Over C10-C28)	2710		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 12:00	1
o-Terphenyl	120		70 - 130				12/19/24 21:30	12/20/24 12:00	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1710		50.3		mg/Kg			12/20/24 08:50	5

Client Sample ID: SS 504

Lab Sample ID: 890-7492-15

Date Collected: 12/19/24 11:40

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Ethylbenzene	0.563		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Toluene	0.173		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Xylenes, Total	0.464		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
m-Xylene & p-Xylene	0.290		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
o-Xylene	0.174		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				12/20/24 08:33	12/20/24 13:32	10
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:33	12/20/24 13:32	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.20		0.0398		mg/Kg			12/20/24 13:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 12:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Diesel Range Organics (Over C10-C28)	1510		50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				12/19/24 21:30	12/20/24 12:15	1
o-Terphenyl	97		70 - 130				12/19/24 21:30	12/20/24 12:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2990		50.0		mg/Kg			12/20/24 09:12	5

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 398

Lab Sample ID: 890-7492-16

Date Collected: 12/19/24 11:27

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0262		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Ethylbenzene	0.199		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Toluene	0.168		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Xylenes, Total	0.269		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
m-Xylene & p-Xylene	0.158		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
o-Xylene	0.111		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	12/20/24 08:33	12/20/24 12:30	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:33	12/20/24 12:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.662		0.00399		mg/Kg			12/20/24 12:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3130		49.9		mg/Kg			12/20/24 12:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.1	++	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Diesel Range Organics (Over C10-C28)	3040		49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	12/19/24 21:30	12/20/24 12:31	1
o-Terphenyl	120		70 - 130	12/19/24 21:30	12/20/24 12:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2960		50.1		mg/Kg			12/20/24 09:19	5

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Ethylbenzene	0.0487		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Toluene	0.00442		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Xylenes, Total	0.0402		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
m-Xylene & p-Xylene	0.0276		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
o-Xylene	0.0126		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	12/20/24 08:33	12/20/24 12:51	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	75		70 - 130	12/20/24 08:33	12/20/24 12:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0933		0.00404		mg/Kg			12/20/24 12:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	311		49.8		mg/Kg			12/20/24 12:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Diesel Range Organics (Over C10-C28)	311		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				12/19/24 21:30	12/20/24 12:47	1
o-Terphenyl	77		70 - 130				12/19/24 21:30	12/20/24 12:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.8		9.96		mg/Kg			12/20/24 09:26	1

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Ethylbenzene	0.191		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Toluene	0.110		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Xylenes, Total	0.265		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
m-Xylene & p-Xylene	0.156		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
o-Xylene	0.109		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130	12/20/24 08:33	12/20/24 13:11	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 13:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.566		0.00402		mg/Kg			12/20/24 13:11	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2050		49.9		mg/Kg			12/20/24 13:03	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Diesel Range Organics (Over C10-C28)	2050		49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				12/19/24 21:30	12/20/24 13:03	1
o-Terphenyl	106		70 - 130				12/19/24 21:30	12/20/24 13:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	930		10.0		mg/Kg			12/20/24 09:33	1

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Ethylbenzene	0.00665		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Toluene	0.00205		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Xylenes, Total	0.0105		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
m-Xylene & p-Xylene	0.00628		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
o-Xylene	0.00418		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				12/20/24 08:30	12/20/24 12:07	1
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 12:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0192		0.00404		mg/Kg			12/20/24 12:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	601		49.7		mg/Kg			12/20/24 13:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U **	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Diesel Range Organics (Over C10-C28)	601		49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				12/19/24 21:30	12/20/24 13:20	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 13:20	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3030		49.7		mg/Kg			12/20/24 09:40	5

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Xylenes, Total	0.133		0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
o-Xylene	0.133		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				12/20/24 08:30	12/20/24 12:27	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/20/24 08:30	12/20/24 12:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.133		0.00401		mg/Kg			12/20/24 12:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/20/24 13:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 13:36	1
o-Terphenyl	66	S1-	70 - 130				12/19/24 21:30	12/20/24 13:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		10.0		mg/Kg			12/20/24 09:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Ethylbenzene	0.950		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Toluene	0.199		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Xylenes, Total	1.58		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
m-Xylene & p-Xylene	0.943		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
o-Xylene	0.636		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	193	S1+	70 - 130	12/20/24 08:30	12/20/24 13:28	10
1,4-Difluorobenzene (Surr)	104		70 - 130	12/20/24 08:30	12/20/24 13:28	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.73		0.0398		mg/Kg			12/20/24 13:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2110		49.8		mg/Kg			12/20/24 13:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Diesel Range Organics (Over C10-C28)	2110		49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	12/19/24 21:30	12/20/24 13:52	1
o-Terphenyl	112		70 - 130	12/19/24 21:30	12/20/24 13:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	812		9.98		mg/Kg			12/20/24 10:09	1

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Ethylbenzene	0.0120		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Toluene	0.00377		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Xylenes, Total	0.0233		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
m-Xylene & p-Xylene	0.0102		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
o-Xylene	0.0131		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	12/20/24 08:30	12/20/24 12:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130	12/20/24 08:30	12/20/24 12:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0391		0.00399		mg/Kg			12/20/24 12:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	573		49.8		mg/Kg			12/20/24 14:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	
Diesel Range Organics (Over C10-C28)	573		49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 14:07	1
o-Terphenyl	78		70 - 130				12/19/24 21:30	12/20/24 14:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2650		50.1		mg/Kg			12/20/24 10:16	5

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Xylenes, Total	0.0889		0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
o-Xylene	0.0889		0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	12/20/24 08:30	12/20/24 13:08	1
1,4-Difluorobenzene (Surr)	91		70 - 130	12/20/24 08:30	12/20/24 13:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0889		0.00404		mg/Kg			12/20/24 13:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 420
Date Collected: 12/19/24 12:22
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-23
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	104		70 - 130				12/19/24 21:32	12/20/24 11:11	1	
o-Terphenyl	109		70 - 130				12/19/24 21:32	12/20/24 11:11	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	162		9.94		mg/Kg			12/20/24 10:38	1	

Surrogate Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
890-7492-1	SS 01	131 S1+	124
890-7492-2	SS 20	128	136 S1+
890-7492-3	SS 64	137 S1+	131 S1+
890-7492-4	SS 80	144 S1+	106
890-7492-5	SS 262	125	122
890-7492-6	SS 320	126	126
890-7492-7	SS 488	106	100
890-7492-8	SS 46	171 S1+	94
890-7492-9	SS 107	107	101
890-7492-10	SS 290	131 S1+	100
890-7492-11	SS 339	122	99
890-7492-12	SS 495	139 S1+	104
890-7492-13	SS 129	109	95
890-7492-14	SS 154	99	93
890-7492-15	SS 504	110	94
890-7492-16	SS 398	141 S1+	96
890-7492-17	SS 183	88	75
890-7492-18	SS 200	159 S1+	93
890-7492-19	SS 435	113	104
890-7492-20	SS 477	98	95
890-7492-21	SS 176	193 S1+	104
890-7492-22	SS 138	115	103
890-7492-23	SS 420	95	91
LCS 880-98432/1-A	Lab Control Sample	101	96
LCS 880-98433/1-A	Lab Control Sample	96	103
LCS 880-98434/1-A	Lab Control Sample	107	104
LCS 880-98435/1-A	Lab Control Sample	106	99
LCSD 880-98432/2-A	Lab Control Sample Dup	103	99
LCSD 880-98433/2-A	Lab Control Sample Dup	94	103
LCSD 880-98434/2-A	Lab Control Sample Dup	109	103
LCSD 880-98435/2-A	Lab Control Sample Dup	108	98
MB 880-98432/5-A	Method Blank	112	85
MB 880-98433/5-A	Method Blank	98	96
MB 880-98434/5-A	Method Blank	111	101
MB 880-98435/5-A	Method Blank	92	93
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1	OTPH1
		(70-130)	(70-130)
890-7492-1	SS 01	83	86
890-7492-2	SS 20	76	77
890-7492-3	SS 64	75	78
890-7492-3 MS	SS 64	78	76

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Surrogate Summary

Client: CDH Consulting

Job ID: 890-7492-1

Project/Site: CLOSE ENCOUNTER 301 H

SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-3 MSD	SS 64	77	76
890-7492-4	SS 80	73	74
890-7492-5	SS 262	70	69 S1-
890-7492-6	SS 320	74	75
890-7492-7	SS 488	75	95
890-7492-8	SS 46	75	81
890-7492-9	SS 107	75	86
890-7492-10	SS 290	85	105
890-7492-11	SS 339	84	121
890-7492-12	SS 495	88	108
890-7492-13	SS 129	84	79
890-7492-13 MS	SS 129	80	81
890-7492-13 MSD	SS 129	79	81
890-7492-14	SS 154	84	120
890-7492-15	SS 504	92	97
890-7492-16	SS 398	85	120
890-7492-17	SS 183	87	77
890-7492-18	SS 200	82	106
890-7492-19	SS 435	77	74
890-7492-20	SS 477	81	66 S1-
890-7492-21	SS 176	88	112
890-7492-22	SS 138	81	78
890-7492-23	SS 420	104	109
890-7492-23 MS	SS 420	92	99
890-7492-23 MSD	SS 420	92	99
LCS 880-98401/2-A	Lab Control Sample	118	102
LCS 880-98402/2-A	Lab Control Sample	121	104
LCS 880-98403/2-A	Lab Control Sample	136 S1+	123
LCS 880-98404/2-A	Lab Control Sample	158 S1+	172 S1+
LCSD 880-98401/3-A	Lab Control Sample Dup	110	95
LCSD 880-98402/3-A	Lab Control Sample Dup	145 S1+	123
LCSD 880-98403/3-A	Lab Control Sample Dup	133 S1+	120
LCSD 880-98404/3-A	Lab Control Sample Dup	166 S1+	175 S1+
MB 880-98401/1-A	Method Blank	81	80
MB 880-98402/1-A	Method Blank	75	75
MB 880-98403/1-A	Method Blank	91	74
MB 880-98404/1-A	Method Blank	93	96

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-98432/5-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	12/20/24 08:24	12/20/24 11:08	1
1,4-Difluorobenzene (Surr)	85		70 - 130	12/20/24 08:24	12/20/24 11:08	1

Lab Sample ID: LCS 880-98432/1-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1137		mg/Kg		114	70 - 130
Ethylbenzene	0.100	0.1107		mg/Kg		111	70 - 130
Toluene	0.100	0.1082		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2221		mg/Kg		111	70 - 130
o-Xylene	0.100	0.1128		mg/Kg		113	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-98432/2-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1182		mg/Kg		118	70 - 130	4	35
Ethylbenzene	0.100	0.1145		mg/Kg		114	70 - 130	3	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2282		mg/Kg		114	70 - 130	3	35
o-Xylene	0.100	0.1165		mg/Kg		117	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	12/20/24 08:27	12/20/24 11:02	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:27	12/20/24 11:02	1

Lab Sample ID: LCS 880-98433/1-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1001		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09410		mg/Kg		94	70 - 130
Toluene	0.100	0.09371		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1885		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09536		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-98433/2-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1048		mg/Kg		105	70 - 130	5	35
Ethylbenzene	0.100	0.09886		mg/Kg		99	70 - 130	5	35
Toluene	0.100	0.09817		mg/Kg		98	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1969		mg/Kg		98	70 - 130	4	35
o-Xylene	0.100	0.09974		mg/Kg		100	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	111		70 - 130				12/20/24 08:30	12/20/24 11:25	1
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:30	12/20/24 11:25	1

Lab Sample ID: LCS 880-98434/1-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits		
		Result	Qualifier						
Benzene	0.100	0.1149		mg/Kg		115	70 - 130		
Ethylbenzene	0.100	0.1100		mg/Kg		110	70 - 130		
Toluene	0.100	0.1116		mg/Kg		112	70 - 130		
m-Xylene & p-Xylene	0.200	0.2234		mg/Kg		112	70 - 130		
o-Xylene	0.100	0.1142		mg/Kg		114	70 - 130		
Surrogate	LCS	LCS	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	107		70 - 130						
1,4-Difluorobenzene (Surr)	104		70 - 130						

Lab Sample ID: LCSD 880-98434/2-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.1162		mg/Kg		116	70 - 130	1	35
Ethylbenzene	0.100	0.1102		mg/Kg		110	70 - 130	0	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2247		mg/Kg		112	70 - 130	1	35
o-Xylene	0.100	0.1148		mg/Kg		115	70 - 130	1	35
Surrogate	LCSD	LCSD	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	109		70 - 130						
1,4-Difluorobenzene (Surr)	103		70 - 130						

Lab Sample ID: MB 880-98435/5-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98435

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac		
4-Bromofluorobenzene (Surr)	92		70 - 130	12/20/24 08:33	12/20/24 11:07	1			
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 11:07	1			

Lab Sample ID: LCS 880-98435/1-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	0.100	0.1025		mg/Kg		103	70 - 130		
Ethylbenzene	0.100	0.1037		mg/Kg		104	70 - 130		
Toluene	0.100	0.1077		mg/Kg		108	70 - 130		
m-Xylene & p-Xylene	0.200	0.2015		mg/Kg		101	70 - 130		
o-Xylene	0.100	0.1117		mg/Kg		112	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-98435/2-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1068		mg/Kg		107	70 - 130	4	35
Ethylbenzene	0.100	0.1065		mg/Kg		107	70 - 130	3	35
Toluene	0.100	0.1103		mg/Kg		110	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2041		mg/Kg		102	70 - 130	1	35
o-Xylene	0.100	0.1136		mg/Kg		114	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-98401/1-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98401

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil	Fac
1-Chlorooctane	81		70 - 130	12/19/24 21:26	12/20/24 00:11	1	
o-Terphenyl	80		70 - 130	12/19/24 21:26	12/20/24 00:11	1	

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98401/2-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98401

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1058		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	960.9		mg/Kg		96	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	118		70 - 130				
o-Terphenyl	102		70 - 130				

Lab Sample ID: LCSD 880-98401/3-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98401

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1005		mg/Kg		101	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	903.5		mg/Kg		90	70 - 130	6	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	110		70 - 130						
o-Terphenyl	95		70 - 130						

Lab Sample ID: MB 880-98402/1-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 98402

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1-Chlorooctane	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	
o-Terphenyl	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	

Lab Sample ID: LCS 880-98402/2-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1061		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1028		mg/Kg		103	70 - 130

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98402/2-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98402

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: LCSD 880-98402/3-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1288		mg/Kg		129	70 - 130	19	20
Diesel Range Organics (Over C10-C28)	1000	1231		mg/Kg		123	70 - 130	18	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	145	S1+	70 - 130
o-Terphenyl	123		70 - 130

Lab Sample ID: 890-7492-3 MS

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: SS 64

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	665.3	F1	mg/Kg		67	70 - 130
Diesel Range Organics (Over C10-C28)	631	F1	998	1155	F1	mg/Kg		53	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	78		70 - 130
o-Terphenyl	76		70 - 130

Lab Sample ID: 890-7492-3 MSD

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: SS 64

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	660.4	F1	mg/Kg		66	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	631	F1	998	1141	F1	mg/Kg		51	70 - 130	1	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	77		70 - 130
o-Terphenyl	76		70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-98403/1-A							Client Sample ID: Method Blank		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 98427							Prep Batch: 98403		
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				12/19/24 21:30	12/20/24 09:12	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 09:12	1

Lab Sample ID: LCS 880-98403/2-A							Client Sample ID: Lab Control Sample		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 98427							Prep Batch: 98403		
Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Gasoline Range Organics (GRO)-C6-C10		1000	1333	*+	mg/Kg		133	70 - 130	
Diesel Range Organics (Over C10-C28)		1000	1178		mg/Kg		118	70 - 130	
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	136	S1+	70 - 130						
o-Terphenyl	123		70 - 130						

Lab Sample ID: LCSD 880-98403/3-A							Client Sample ID: Lab Control Sample Dup			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 98427							Prep Batch: 98403			
Analyte		Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10		1000	1180		mg/Kg		118	70 - 130	12	20
Diesel Range Organics (Over C10-C28)		1000	1166		mg/Kg		117	70 - 130	1	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits							
1-Chlorooctane	133	S1+	70 - 130							
o-Terphenyl	120		70 - 130							

Lab Sample ID: 890-7492-13 MS							Client Sample ID: SS 129		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 98427							Prep Batch: 98403		
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	997	729.6		mg/Kg		73	70 - 130
Diesel Range Organics (Over C10-C28)	538	F1	997	1207	F1	mg/Kg		67	70 - 130

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	80		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: 890-7492-13 MSD

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	997	855.4		mg/Kg		86	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	538	F1	997	1282		mg/Kg		75	70 - 130	6	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	79		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: MB 880-98404/1-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98404

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	93		70 - 130	12/19/24 21:32	12/20/24 09:12	1			
o-Terphenyl	96		70 - 130	12/19/24 21:32	12/20/24 09:12	1			

Lab Sample ID: LCS 880-98404/2-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1398	*+	mg/Kg		140	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1468	*+	mg/Kg		147	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	158	S1+	70 - 130
o-Terphenyl	172	S1+	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-98404/3-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1465	*+	mg/Kg		147	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	1590	*+	mg/Kg		159	70 - 130	8	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	166	S1+	70 - 130						
o-Terphenyl	175	S1+	70 - 130						

Lab Sample ID: 890-7492-23 MS

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: SS 420

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	781.1		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	867.3		mg/Kg		84	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Lab Sample ID: 890-7492-23 MSD

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: SS 420

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	804.1		mg/Kg		80	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	863.1		mg/Kg		84	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-98374/1-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 08:34	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-98374/2-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.6		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-98374/3-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	245.0		mg/Kg		98	90 - 110	2	20

Lab Sample ID: 890-7492-2 MS

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1300	F1	1250	3073	F1	mg/Kg		142	90 - 110

Lab Sample ID: 890-7492-2 MSD

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1300	F1	1250	3070	F1	mg/Kg		142	90 - 110	0	20

Lab Sample ID: MB 880-98373/1-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 03:00	1

Lab Sample ID: LCS 880-98373/2-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	258.6		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-98373/3-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	257.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-7492-20 MS

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: SS 477

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	126		257	387.5		mg/Kg		102	90 - 110

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-7492-20 MSD							Client Sample ID: SS 477					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 98377												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	126		248	372.8		mg/Kg		100	90 - 110	4	20	

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA

Analysis Batch: 98350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-2	SS 20	Total/NA	Solid	8021B	98432
890-7492-3	SS 64	Total/NA	Solid	8021B	98432
890-7492-4	SS 80	Total/NA	Solid	8021B	98432
890-7492-5	SS 262	Total/NA	Solid	8021B	98432
890-7492-6	SS 320	Total/NA	Solid	8021B	98432
MB 880-98432/5-A	Method Blank	Total/NA	Solid	8021B	98432
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	8021B	98432
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98432

Analysis Batch: 98351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	8021B	98433
890-7492-8	SS 46	Total/NA	Solid	8021B	98433
890-7492-9	SS 107	Total/NA	Solid	8021B	98433
890-7492-10	SS 290	Total/NA	Solid	8021B	98433
890-7492-11	SS 339	Total/NA	Solid	8021B	98433
890-7492-12	SS 495	Total/NA	Solid	8021B	98433
MB 880-98433/5-A	Method Blank	Total/NA	Solid	8021B	98433
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	8021B	98433
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98433

Analysis Batch: 98352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	8021B	98434
890-7492-20	SS 477	Total/NA	Solid	8021B	98434
890-7492-21	SS 176	Total/NA	Solid	8021B	98434
890-7492-22	SS 138	Total/NA	Solid	8021B	98434
890-7492-23	SS 420	Total/NA	Solid	8021B	98434
MB 880-98434/5-A	Method Blank	Total/NA	Solid	8021B	98434
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	8021B	98434
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98434

Analysis Batch: 98353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8021B	98435
890-7492-14	SS 154	Total/NA	Solid	8021B	98435
890-7492-15	SS 504	Total/NA	Solid	8021B	98435
890-7492-16	SS 398	Total/NA	Solid	8021B	98435
890-7492-17	SS 183	Total/NA	Solid	8021B	98435
890-7492-18	SS 200	Total/NA	Solid	8021B	98435
MB 880-98435/5-A	Method Blank	Total/NA	Solid	8021B	98435
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	8021B	98435
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98435

Prep Batch: 98432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	5035	
890-7492-2	SS 20	Total/NA	Solid	5035	
890-7492-3	SS 64	Total/NA	Solid	5035	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Prep Batch: 98432 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-4	SS 80	Total/NA	Solid	5035	
890-7492-5	SS 262	Total/NA	Solid	5035	
890-7492-6	SS 320	Total/NA	Solid	5035	
MB 880-98432/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	5035	
890-7492-8	SS 46	Total/NA	Solid	5035	
890-7492-9	SS 107	Total/NA	Solid	5035	
890-7492-10	SS 290	Total/NA	Solid	5035	
890-7492-11	SS 339	Total/NA	Solid	5035	
890-7492-12	SS 495	Total/NA	Solid	5035	
MB 880-98433/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	5035	
890-7492-20	SS 477	Total/NA	Solid	5035	
890-7492-21	SS 176	Total/NA	Solid	5035	
890-7492-22	SS 138	Total/NA	Solid	5035	
890-7492-23	SS 420	Total/NA	Solid	5035	
MB 880-98434/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	5035	
890-7492-14	SS 154	Total/NA	Solid	5035	
890-7492-15	SS 504	Total/NA	Solid	5035	
890-7492-16	SS 398	Total/NA	Solid	5035	
890-7492-17	SS 183	Total/NA	Solid	5035	
890-7492-18	SS 200	Total/NA	Solid	5035	
MB 880-98435/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 98498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	Total BTEX	
890-7492-2	SS 20	Total/NA	Solid	Total BTEX	
890-7492-3	SS 64	Total/NA	Solid	Total BTEX	
890-7492-4	SS 80	Total/NA	Solid	Total BTEX	
890-7492-5	SS 262	Total/NA	Solid	Total BTEX	
890-7492-6	SS 320	Total/NA	Solid	Total BTEX	
890-7492-7	SS 488	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Analysis Batch: 98498 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-8	SS 46	Total/NA	Solid	Total BTEX	
890-7492-9	SS 107	Total/NA	Solid	Total BTEX	
890-7492-10	SS 290	Total/NA	Solid	Total BTEX	
890-7492-11	SS 339	Total/NA	Solid	Total BTEX	
890-7492-12	SS 495	Total/NA	Solid	Total BTEX	
890-7492-13	SS 129	Total/NA	Solid	Total BTEX	
890-7492-14	SS 154	Total/NA	Solid	Total BTEX	
890-7492-15	SS 504	Total/NA	Solid	Total BTEX	
890-7492-16	SS 398	Total/NA	Solid	Total BTEX	
890-7492-17	SS 183	Total/NA	Solid	Total BTEX	
890-7492-18	SS 200	Total/NA	Solid	Total BTEX	
890-7492-19	SS 435	Total/NA	Solid	Total BTEX	
890-7492-20	SS 477	Total/NA	Solid	Total BTEX	
890-7492-21	SS 176	Total/NA	Solid	Total BTEX	
890-7492-22	SS 138	Total/NA	Solid	Total BTEX	
890-7492-23	SS 420	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 98401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015NM Prep	
890-7492-2	SS 20	Total/NA	Solid	8015NM Prep	
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 98402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-4	SS 80	Total/NA	Solid	8015NM Prep	
890-7492-5	SS 262	Total/NA	Solid	8015NM Prep	
890-7492-6	SS 320	Total/NA	Solid	8015NM Prep	
890-7492-7	SS 488	Total/NA	Solid	8015NM Prep	
890-7492-8	SS 46	Total/NA	Solid	8015NM Prep	
890-7492-9	SS 107	Total/NA	Solid	8015NM Prep	
890-7492-10	SS 290	Total/NA	Solid	8015NM Prep	
890-7492-11	SS 339	Total/NA	Solid	8015NM Prep	
890-7492-12	SS 495	Total/NA	Solid	8015NM Prep	
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-3 MS	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-3 MSD	SS 64	Total/NA	Solid	8015NM Prep	

Prep Batch: 98403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-14	SS 154	Total/NA	Solid	8015NM Prep	
890-7492-15	SS 504	Total/NA	Solid	8015NM Prep	
890-7492-16	SS 398	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Prep Batch: 98403 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-17	SS 183	Total/NA	Solid	8015NM Prep	
890-7492-18	SS 200	Total/NA	Solid	8015NM Prep	
890-7492-19	SS 435	Total/NA	Solid	8015NM Prep	
890-7492-20	SS 477	Total/NA	Solid	8015NM Prep	
890-7492-21	SS 176	Total/NA	Solid	8015NM Prep	
890-7492-22	SS 138	Total/NA	Solid	8015NM Prep	
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-13 MS	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-13 MSD	SS 129	Total/NA	Solid	8015NM Prep	

Prep Batch: 98404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015NM Prep	
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-23 MS	SS 420	Total/NA	Solid	8015NM Prep	
890-7492-23 MSD	SS 420	Total/NA	Solid	8015NM Prep	

Analysis Batch: 98423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015B NM	98401
890-7492-2	SS 20	Total/NA	Solid	8015B NM	98401
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015B NM	98401
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98401
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98401

Analysis Batch: 98425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-4	SS 80	Total/NA	Solid	8015B NM	98402
890-7492-5	SS 262	Total/NA	Solid	8015B NM	98402
890-7492-6	SS 320	Total/NA	Solid	8015B NM	98402
890-7492-7	SS 488	Total/NA	Solid	8015B NM	98402
890-7492-8	SS 46	Total/NA	Solid	8015B NM	98402
890-7492-9	SS 107	Total/NA	Solid	8015B NM	98402
890-7492-10	SS 290	Total/NA	Solid	8015B NM	98402
890-7492-11	SS 339	Total/NA	Solid	8015B NM	98402
890-7492-12	SS 495	Total/NA	Solid	8015B NM	98402
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015B NM	98402
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98402
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98402
890-7492-3 MS	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-3 MSD	SS 64	Total/NA	Solid	8015B NM	98402

Analysis Batch: 98427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-14	SS 154	Total/NA	Solid	8015B NM	98403

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Analysis Batch: 98427 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-15	SS 504	Total/NA	Solid	8015B NM	98403
890-7492-16	SS 398	Total/NA	Solid	8015B NM	98403
890-7492-17	SS 183	Total/NA	Solid	8015B NM	98403
890-7492-18	SS 200	Total/NA	Solid	8015B NM	98403
890-7492-19	SS 435	Total/NA	Solid	8015B NM	98403
890-7492-20	SS 477	Total/NA	Solid	8015B NM	98403
890-7492-21	SS 176	Total/NA	Solid	8015B NM	98403
890-7492-22	SS 138	Total/NA	Solid	8015B NM	98403
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015B NM	98403
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98403
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98403
890-7492-13 MS	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-13 MSD	SS 129	Total/NA	Solid	8015B NM	98403

Analysis Batch: 98430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015B NM	98404
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015B NM	98404
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98404
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98404
890-7492-23 MS	SS 420	Total/NA	Solid	8015B NM	98404
890-7492-23 MSD	SS 420	Total/NA	Solid	8015B NM	98404

Analysis Batch: 98523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015 NM	
890-7492-2	SS 20	Total/NA	Solid	8015 NM	
890-7492-3	SS 64	Total/NA	Solid	8015 NM	
890-7492-4	SS 80	Total/NA	Solid	8015 NM	
890-7492-5	SS 262	Total/NA	Solid	8015 NM	
890-7492-6	SS 320	Total/NA	Solid	8015 NM	
890-7492-7	SS 488	Total/NA	Solid	8015 NM	
890-7492-8	SS 46	Total/NA	Solid	8015 NM	
890-7492-9	SS 107	Total/NA	Solid	8015 NM	
890-7492-10	SS 290	Total/NA	Solid	8015 NM	
890-7492-11	SS 339	Total/NA	Solid	8015 NM	
890-7492-12	SS 495	Total/NA	Solid	8015 NM	
890-7492-13	SS 129	Total/NA	Solid	8015 NM	
890-7492-14	SS 154	Total/NA	Solid	8015 NM	
890-7492-15	SS 504	Total/NA	Solid	8015 NM	
890-7492-16	SS 398	Total/NA	Solid	8015 NM	
890-7492-17	SS 183	Total/NA	Solid	8015 NM	
890-7492-18	SS 200	Total/NA	Solid	8015 NM	
890-7492-19	SS 435	Total/NA	Solid	8015 NM	
890-7492-20	SS 477	Total/NA	Solid	8015 NM	
890-7492-21	SS 176	Total/NA	Solid	8015 NM	
890-7492-22	SS 138	Total/NA	Solid	8015 NM	
890-7492-23	SS 420	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC

Leach Batch: 98373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	DI Leach	
890-7492-13	SS 129	Soluble	Solid	DI Leach	
890-7492-14	SS 154	Soluble	Solid	DI Leach	
890-7492-15	SS 504	Soluble	Solid	DI Leach	
890-7492-16	SS 398	Soluble	Solid	DI Leach	
890-7492-17	SS 183	Soluble	Solid	DI Leach	
890-7492-18	SS 200	Soluble	Solid	DI Leach	
890-7492-19	SS 435	Soluble	Solid	DI Leach	
890-7492-20	SS 477	Soluble	Solid	DI Leach	
890-7492-21	SS 176	Soluble	Solid	DI Leach	
890-7492-22	SS 138	Soluble	Solid	DI Leach	
890-7492-23	SS 420	Soluble	Solid	DI Leach	
MB 880-98373/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-20 MS	SS 477	Soluble	Solid	DI Leach	
890-7492-20 MSD	SS 477	Soluble	Solid	DI Leach	

Leach Batch: 98374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	DI Leach	
890-7492-2	SS 20	Soluble	Solid	DI Leach	
890-7492-3	SS 64	Soluble	Solid	DI Leach	
890-7492-4	SS 80	Soluble	Solid	DI Leach	
890-7492-5	SS 262	Soluble	Solid	DI Leach	
890-7492-6	SS 320	Soluble	Solid	DI Leach	
890-7492-7	SS 488	Soluble	Solid	DI Leach	
890-7492-8	SS 46	Soluble	Solid	DI Leach	
890-7492-9	SS 107	Soluble	Solid	DI Leach	
890-7492-10	SS 290	Soluble	Solid	DI Leach	
890-7492-11	SS 339	Soluble	Solid	DI Leach	
MB 880-98374/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-2 MS	SS 20	Soluble	Solid	DI Leach	
890-7492-2 MSD	SS 20	Soluble	Solid	DI Leach	

Analysis Batch: 98376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	300.0	98374
890-7492-2	SS 20	Soluble	Solid	300.0	98374
890-7492-3	SS 64	Soluble	Solid	300.0	98374
890-7492-4	SS 80	Soluble	Solid	300.0	98374
890-7492-5	SS 262	Soluble	Solid	300.0	98374
890-7492-6	SS 320	Soluble	Solid	300.0	98374
890-7492-7	SS 488	Soluble	Solid	300.0	98374
890-7492-8	SS 46	Soluble	Solid	300.0	98374
890-7492-9	SS 107	Soluble	Solid	300.0	98374
890-7492-10	SS 290	Soluble	Solid	300.0	98374
890-7492-11	SS 339	Soluble	Solid	300.0	98374
MB 880-98374/1-A	Method Blank	Soluble	Solid	300.0	98374

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC (Continued)

Analysis Batch: 98376 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	300.0	98374
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98374
890-7492-2 MS	SS 20	Soluble	Solid	300.0	98374
890-7492-2 MSD	SS 20	Soluble	Solid	300.0	98374

Analysis Batch: 98377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	300.0	98373
890-7492-13	SS 129	Soluble	Solid	300.0	98373
890-7492-14	SS 154	Soluble	Solid	300.0	98373
890-7492-15	SS 504	Soluble	Solid	300.0	98373
890-7492-16	SS 398	Soluble	Solid	300.0	98373
890-7492-17	SS 183	Soluble	Solid	300.0	98373
890-7492-18	SS 200	Soluble	Solid	300.0	98373
890-7492-19	SS 435	Soluble	Solid	300.0	98373
890-7492-20	SS 477	Soluble	Solid	300.0	98373
890-7492-21	SS 176	Soluble	Solid	300.0	98373
890-7492-22	SS 138	Soluble	Solid	300.0	98373
890-7492-23	SS 420	Soluble	Solid	300.0	98373
MB 880-98373/1-A	Method Blank	Soluble	Solid	300.0	98373
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	300.0	98373
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98373
890-7492-20 MS	SS 477	Soluble	Solid	300.0	98373
890-7492-20 MSD	SS 477	Soluble	Solid	300.0	98373

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01
Date Collected: 12/19/24 08:20
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 11:51
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		5	98350	MNR	EET MID	12/20/24 13:55
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:55
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		20	98376	CH	EET MID	12/20/24 10:49

Client Sample ID: SS 20
Date Collected: 12/19/24 08:36
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:15
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:15
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 10:58

Client Sample ID: SS 64
Date Collected: 12/19/24 08:47
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 12:33
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:33
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 09:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 09:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:54

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80
Date Collected: 12/19/24 08:53
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:36
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:36
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:24
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:24
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:30

Client Sample ID: SS 262
Date Collected: 12/19/24 08:59
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		50	98350	MNR	EET MID	12/20/24 13:14
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:14
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:38
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:38
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:48

Client Sample ID: SS 320
Date Collected: 12/19/24 09:04
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		25	98350	MNR	EET MID	12/20/24 13:34
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:34
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:53
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:53
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:59

Client Sample ID: SS 488
Date Collected: 12/19/24 09:12
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		100	98351	MNR	EET MID	12/20/24 12:24
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:24

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:08
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:08
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:06

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 12:45
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:45
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:25
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:25
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:11

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:05
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:05
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:17

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:25
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:25
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:54
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:54

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 290
Date Collected: 12/19/24 10:30
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:23

Client Sample ID: SS 339
Date Collected: 12/19/24 10:37
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:46
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:46
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:29

Client Sample ID: SS 495
Date Collected: 12/19/24 10:44
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 14:06
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:06
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:36

Client Sample ID: SS 129
Date Collected: 12/19/24 11:07
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 11:49
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 11:49
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:43

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Date Collected: 12/19/24 11:19

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:10
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:10
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:00
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:00
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:50

Client Sample ID: SS 504

Date Collected: 12/19/24 11:40

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		10	98353	MNR	EET MID	12/20/24 13:32
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:32
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:15
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:15
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:12

Client Sample ID: SS 398

Date Collected: 12/19/24 11:27

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:30
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:30
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:31
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:31
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:19

Client Sample ID: SS 183

Date Collected: 12/19/24 11:44

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:51
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:51

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183
Date Collected: 12/19/24 11:44
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:47
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:47
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:26

Client Sample ID: SS 200
Date Collected: 12/19/24 11:49
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 13:11
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:11
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:03
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:03
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:33

Client Sample ID: SS 435
Date Collected: 12/19/24 11:53
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:07
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:07
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:20
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:20
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:40

Client Sample ID: SS 477
Date Collected: 12/19/24 12:02
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:27
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:27
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:36
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:36

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:48

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		10	98352	MNR	EET MID	12/20/24 13:28
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:28
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:52
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:52
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:09

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:48
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:48
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 14:07
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 14:07
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 10:16

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 13:08
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:08
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98404	EL	EET MID	12/19/24 21:32
Total/NA	Analysis	8015B NM		1	98430	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:38

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7492-1	SS 01	Solid	12/19/24 08:20	12/19/24 15:45	- SURFACE
890-7492-2	SS 20	Solid	12/19/24 08:36	12/19/24 15:45	- SURFACE
890-7492-3	SS 64	Solid	12/19/24 08:47	12/19/24 15:45	- SURFACE
890-7492-4	SS 80	Solid	12/19/24 08:53	12/19/24 15:45	- SURFACE
890-7492-5	SS 262	Solid	12/19/24 08:59	12/19/24 15:45	- SURFACE
890-7492-6	SS 320	Solid	12/19/24 09:04	12/19/24 15:45	- SURFACE
890-7492-7	SS 488	Solid	12/19/24 09:12	12/19/24 15:45	- SURFACE
890-7492-8	SS 46	Solid	12/19/24 10:15	12/19/24 15:45	- SURFACE
890-7492-9	SS 107	Solid	12/19/24 10:22	12/19/24 15:45	- SURFACE
890-7492-10	SS 290	Solid	12/19/24 10:30	12/19/24 15:45	- SURFACE
890-7492-11	SS 339	Solid	12/19/24 10:37	12/19/24 15:45	- SURFACE
890-7492-12	SS 495	Solid	12/19/24 10:44	12/19/24 15:45	- SURFACE
890-7492-13	SS 129	Solid	12/19/24 11:07	12/19/24 15:45	- SURFACE
890-7492-14	SS 154	Solid	12/19/24 11:19	12/19/24 15:45	- SURFACE
890-7492-15	SS 504	Solid	12/19/24 11:40	12/19/24 15:45	- SURFACE
890-7492-16	SS 398	Solid	12/19/24 11:27	12/19/24 15:45	- SURFACE
890-7492-17	SS 183	Solid	12/19/24 11:44	12/19/24 15:45	- SURFACE
890-7492-18	SS 200	Solid	12/19/24 11:49	12/19/24 15:45	- SURFACE
890-7492-19	SS 435	Solid	12/19/24 11:53	12/19/24 15:45	- SURFACE
890-7492-20	SS 477	Solid	12/19/24 12:02	12/19/24 15:45	- SURFACE
890-7492-21	SS 176	Solid	12/19/24 12:07	12/19/24 15:45	- SURFACE
890-7492-22	SS 138	Solid	12/19/24 12:17	12/19/24 15:45	- SURFACE
890-7492-23	SS 420	Solid	12/19/24 12:22	12/19/24 15:45	- SURFACE

Chain of Custody



Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 1 of 3

Project Manager: <u>Michael Wicker</u>		Bill to: (if different)		<u>CDH Consulting</u>	
Company Name: <u>Cotto</u>		Company Name:			
Address:		Address:			
City, State ZIP:		City, State ZIP:			
Phone: <u>506-970-8459</u>		Email: <u>mwicker@cdhconsult.com</u>			

Project Name: <u>Close Encounter 30114</u>	Turn Around	Pres. Code
Project Number:	☐ Routine ☒ Rush	
Project Location: <u>Buckeye, NM</u>	Due Date: <u>12-20-2024</u>	
Sampler's Name: <u>Dakotah Cueto</u>	TAT starts the day received by the lab, if received by 4:30pm	
PO #:		

SAMPLE RECEIPT		Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐
Samples Received Intact:		Yes ☒ No ☐	Thermometer ID:	<u>Tuner</u>	
Cooler Custody Seals:		Yes ☒ No ☐	Correction Factor:	<u>-0.2</u>	
Sample Custody Seals:		Yes ☒ No ☐	Temperature Reading:	<u>5.8</u>	
Total Containers:		Corrected Temperature: <u>5.0</u>			

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters	Pres. Code	ANALYSIS REQUEST	Preservative Codes	Sample Comments
SS01	S	12-19-24	08:20	Surf	C	1				None: NO	DI Water: H ₂ O
SS20	S		08:36		C	1				Cool: Cool	MeOH: Me
SS64	S		08:47		C	1				HCL: HC	HNO ₃
SS80	S		08:53		C	1				H ₂ SO ₄ : H ₂	NaOH: Na
SS262	S		08:59		C	1				H ₃ PO ₄ : HP	
SS320	S		09:04		C	1				NaHSO ₄ : NABIS	
SS488	S		09:12		C	1				Na ₂ S ₂ O ₃ : NaSO ₃	
SS46	S		10:15		C	1				Zn Acetate+NaOH: Zn	
SS107	S		10:22		C	1				NaOH+Ascorbic Acid: SAPC	
SS290	S		10:30		C	1					

Total 200.7 / 6010 200.8 / 6020:		8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn	
Circle Method(s) and Metal(s) to be analyzed		TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471	

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>Dakotah Cueto</u>	<u>[Signature]</u>	<u>12/19 1545</u>			
3		4			
5		6			



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 505-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 2 of 3

Project Manager: Michael Wicker		Bill to: (if different)		Work Order Comments	
Company Name: CETO		Company Name:		Program: ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
Address:		Address:		State of Project:	
City, State ZIP:		City, State ZIP:		Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Phone:		Email: mwicker@cetoconsult.com		Deliverables: EDD ☐ ADAPT ☐ Other:	
Project Name: Close Encounters Golf		Turn Around		ANALYSIS REQUEST	
Project Number:		☐ Routine ☒ Rush		Preservative Codes	
Project Location: Buellville, NM		Due Date: 12-20-2024		None: NO DI Water: H ₂ O	
Sampler's Name: Dakotaiah Cweto		TAT starts the day received by the lab, if received by 4:30pm		Cool: Cool MeOH: Me	
PO #:				HCL: HC HNO ₃	
SAMPLE RECEIPT		Temp Blank: Yes No		H ₂ SO ₄ : H ₂ NaOH: Na	
Samples Received Intact: Yes No		Thermometer ID:		H ₃ PO ₄ : HP	
Cooler Custody Seals: Yes No N/A		Correction Factor:		NaHSO ₄ : NABIS	
Sample Custody Seals: Yes No N/A		Temperature Reading:		Na ₂ S ₂ O ₃ : NaSO ₃	
Total Containers:		Corrected Temperature:		Zn Acetate+NaOH: Zn	
				NaOH+Ascorbic Acid: SAPC	
Sample Identification		Matrix		Grab/Comp	
SS339		S		C 1	
SS495		S		C 1	
SS129		S		C 1	
SS154		S		C 1	
SS504		S		C 1	
SS398		S		C 1	
SS183		S		C 1	
SS200		S		C 1	
SS435		S		C 1	
SS477		S		C 1	
Date Sampled		Time Sampled		Depth	
12/19/2024		10:37		Surf	
10:44		10:44		C 1	
11:07		11:07		C 1	
11:19		11:19		C 1	
11:40		11:40		C 1	
11:27		11:27		C 1	
11:44		11:44		C 1	
11:49		11:49		C 1	
11:53		11:53		C 1	
12:02		12:02		C 1	
Total 200.7 / 6010 200.8 / 6020:		8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn		Circle Method(s) and Meta(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471	
Notes: Signature of this document and relinquishment of sample constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.					
Relinquished by: (Signature)		Received by: (Signature)		Date/Time	
1 Dakotaiah Cweto		2			
3		4			
5		6			

Revised Date: 08/25/2020 Rev. 2020.2





Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 382-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5080

Environment Testing

Work Order No:

Page 3 of 3

[illegible]

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Source: Eurofins Midland

List Number: 2

List Creation: 12/19/24 09:21 PM

Creator: Laing, Edmundo

Question	Answer	Comment
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time (excluding tests with immediate HTs)		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").		



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Michael Wicker
CDH Consulting
9446 Clermont St,
Thornton, Colorado 80229
Generated 12/20/2024 3:02:55 PM

JOB DESCRIPTION

CLOSE ENCOUNTER 301 H
BUCKEYE

JOB NUMBER

890-7492-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220



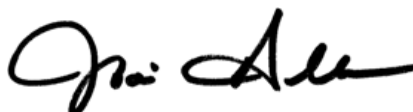
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
12/20/2024 3:02:55 PM

Authorized for release by
Jodi Allen, Project Manager I
Jodi.Allen@et.eurofinsus.com
(281)520-2865

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Laboratory Job ID: 890-7492-1
SDG: BUCKEYE

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Definitions/Glossary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1**Eurofins Carlsbad****Job Narrative
890-7492-1**

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 12/19/2024 3:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 64 (890-7492-3), SS 80 (890-7492-4), SS 262 (890-7492-5), SS 320 (890-7492-6), SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11), SS 495 (890-7492-12), SS 129 (890-7492-13), SS 154 (890-7492-14), SS 504 (890-7492-15), SS 398 (890-7492-16), SS 183 (890-7492-17), SS 200 (890-7492-18), SS 435 (890-7492-19), SS 477 (890-7492-20), SS 176 (890-7492-21), SS 138 (890-7492-22) and SS 420 (890-7492-23).

GC VOA

Method 8021B: The following samples were diluted due to physical characteristics such as color, odor, appearance, viscosity, etc. >>: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 80 (890-7492-4), SS 262 (890-7492-5) and SS 320 (890-7492-6). Elevated reporting limits (RL) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 01 (890-7492-1), SS 20 (890-7492-2) and SS 64 (890-7492-3). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 398 (890-7492-16) and SS 200 (890-7492-18). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SS 176 (890-7492-21). Evidence of matrix interferences is not obvious.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11) and SS 495 (890-7492-12). Elevated reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 46 (890-7492-8), SS 290 (890-7492-10) and SS 495 (890-7492-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: SS 504 (890-7492-15). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-98402/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98402 and analytical batch 880-98425 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within

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Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1 (Continued)

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acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SS 262 (890-7492-5). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Due to the high concentration of Diesel Range Organics (Over C10-C28), the matrix spike (MS) for preparation batch 880-98403 and analytical batch 880-98427 could not be evaluated for accuracy. The associated matrix spike duplicate (MSD) met acceptance criteria.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SS 477 (890-7492-20), (LCS 880-98403/2-A) and (LCSD 880-98403/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The method blank for preparation batch 880-98404 and analytical batch 880-98430 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-98404/2-A) and (LCSD 880-98404/3-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-98404 and analytical batch 880-98430 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The laboratory control sample (LCS) for preparation batch 880-98403 and analytical batch 880-98427 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10. Since only an acceptable LCSD is required per the method, the LCSD shows recovery for the batch and the data has been qualified and reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98374 and analytical batch 880-98376 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01

Lab Sample ID: 890-7492-1

Date Collected: 12/19/24 08:20

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0101	U	0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Ethylbenzene	0.0947		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Toluene	0.0306		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Xylenes, Total	1.81		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
m-Xylene & p-Xylene	0.0449		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
o-Xylene	1.77		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 11:51	20
1,4-Difluorobenzene (Surr)	124		70 - 130	12/20/24 08:24	12/20/24 11:51	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.94		0.0202		mg/Kg			12/20/24 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	287		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	287		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	12/19/24 21:26	12/20/24 12:09	1
o-Terphenyl	86		70 - 130	12/19/24 21:26	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17600		199		mg/Kg			12/20/24 10:49	20

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Ethylbenzene	0.0420		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Toluene	0.0216		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Xylenes, Total	0.350		0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
m-Xylene & p-Xylene	<0.0401	U	0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
o-Xylene	0.350		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	12/20/24 08:24	12/20/24 14:15	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	136	S1+	70 - 130	12/20/24 08:24	12/20/24 14:15	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.414		0.0401		mg/Kg			12/20/24 14:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	110		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	110		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				12/19/24 21:26	12/20/24 12:23	1
o-Terphenyl	77		70 - 130				12/19/24 21:26	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300	F1	49.9		mg/Kg			12/20/24 10:58	5

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Ethylbenzene	0.242		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Toluene	0.0581		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Xylenes, Total	0.781		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
m-Xylene & p-Xylene	0.189		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
o-Xylene	0.592		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20
1,4-Difluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.08		0.0795		mg/Kg			12/20/24 12:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	631		50.0		mg/Kg			12/20/24 09:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Diesel Range Organics (Over C10-C28)	631	F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 09:40	1
o-Terphenyl	78		70 - 130				12/19/24 21:28	12/20/24 09:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3110		50.2		mg/Kg			12/20/24 11:54	5

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Ethylbenzene	0.0344		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Toluene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Xylenes, Total	0.680		0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
m-Xylene & p-Xylene	<0.0399	U	0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
o-Xylene	0.680		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				12/20/24 08:24	12/20/24 14:36	10
1,4-Difluorobenzene (Surr)	106		70 - 130				12/20/24 08:24	12/20/24 14:36	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.714		0.0399		mg/Kg			12/20/24 14:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	188		50.0		mg/Kg			12/20/24 10:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Diesel Range Organics (Over C10-C28)	188		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				12/19/24 21:28	12/20/24 10:24	1
o-Terphenyl	74		70 - 130				12/19/24 21:28	12/20/24 10:24	1

Eurofins Carlsbad

Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80
Date Collected: 12/19/24 08:53
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-4
Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3070		100		mg/Kg			12/20/24 11:30	10

Client Sample ID: SS 262
Date Collected: 12/19/24 08:59
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-5
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Ethylbenzene	0.966		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Toluene	0.415		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Xylenes, Total	1.51		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
m-Xylene & p-Xylene	0.756		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
o-Xylene	0.754		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				12/20/24 08:24	12/20/24 13:14	50
1,4-Difluorobenzene (Surr)	122		70 - 130				12/20/24 08:24	12/20/24 13:14	50

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.89		0.202		mg/Kg			12/20/24 13:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	463		50.0		mg/Kg			12/20/24 10:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Diesel Range Organics (Over C10-C28)	463		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				12/19/24 21:28	12/20/24 10:38	1
o-Terphenyl	69	S1-	70 - 130				12/19/24 21:28	12/20/24 10:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4470		99.4		mg/Kg			12/20/24 11:48	10

Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 320

Lab Sample ID: 890-7492-6

Date Collected: 12/19/24 09:04

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0503	U	0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Ethylbenzene	0.537		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Toluene	0.125		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Xylenes, Total	1.20		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
m-Xylene & p-Xylene	0.454		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
o-Xylene	0.746		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	12/20/24 08:24	12/20/24 13:34	25
1,4-Difluorobenzene (Surr)	126		70 - 130	12/20/24 08:24	12/20/24 13:34	25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.86		0.101		mg/Kg			12/20/24 13:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	876		49.7		mg/Kg			12/20/24 10:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Diesel Range Organics (Over C10-C28)	876		49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130	12/19/24 21:28	12/20/24 10:53	1
o-Terphenyl	75		70 - 130	12/19/24 21:28	12/20/24 10:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3410		49.8		mg/Kg			12/20/24 11:59	5

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.199	U	0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Ethylbenzene	1.92		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Toluene	0.602		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Xylenes, Total	3.04		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
m-Xylene & p-Xylene	1.78		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
o-Xylene	1.26		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	12/20/24 08:27	12/20/24 12:24	100

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	100		70 - 130	12/20/24 08:27	12/20/24 12:24	100

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	5.56		0.398		mg/Kg			12/20/24 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2500		49.8		mg/Kg			12/20/24 11:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.7		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Diesel Range Organics (Over C10-C28)	2410		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:08	1
o-Terphenyl	95		70 - 130				12/19/24 21:28	12/20/24 11:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3680		49.6		mg/Kg			12/20/24 12:06	5

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.11		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Ethylbenzene	9.28		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Toluene	7.96		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Xylenes, Total	10.9		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
m-Xylene & p-Xylene	6.88		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
o-Xylene	4.05		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130	12/20/24 08:27	12/20/24 12:45	50
1,4-Difluorobenzene (Surr)	94		70 - 130	12/20/24 08:27	12/20/24 12:45	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	29.3		0.200		mg/Kg			12/20/24 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1330		49.9		mg/Kg			12/20/24 11:25	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	95.0		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Diesel Range Organics (Over C10-C28)	1230		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130	12/19/24 21:28	12/20/24 11:25	1
o-Terphenyl	81		70 - 130	12/19/24 21:28	12/20/24 11:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5420		101		mg/Kg			12/20/24 12:11	10

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Ethylbenzene	1.52		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Toluene	0.807		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Xylenes, Total	4.70		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
m-Xylene & p-Xylene	3.88		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
o-Xylene	0.815		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	12/20/24 08:27	12/20/24 13:05	50
1,4-Difluorobenzene (Surr)	101		70 - 130	12/20/24 08:27	12/20/24 13:05	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	7.02		0.202		mg/Kg			12/20/24 13:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	60.0		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Diesel Range Organics (Over C10-C28)	1450		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130	12/19/24 21:28	12/20/24 11:40	1
o-Terphenyl	86		70 - 130	12/19/24 21:28	12/20/24 11:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5250		99.4		mg/Kg			12/20/24 12:17	10

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.151		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Ethylbenzene	3.30		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Toluene	1.75		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Xylenes, Total	4.33		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
m-Xylene & p-Xylene	2.60		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
o-Xylene	1.73		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:27	12/20/24 13:25	50
1,4-Difluorobenzene (Surr)	100		70 - 130				12/20/24 08:27	12/20/24 13:25	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	9.53		0.201		mg/Kg			12/20/24 13:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2470		49.8		mg/Kg			12/20/24 11:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	129		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Diesel Range Organics (Over C10-C28)	2340		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				12/19/24 21:28	12/20/24 11:54	1
o-Terphenyl	105		70 - 130				12/19/24 21:28	12/20/24 11:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5400		99.8		mg/Kg			12/20/24 12:23	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.106		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Ethylbenzene	3.81		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Toluene	1.12		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Xylenes, Total	5.28		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
m-Xylene & p-Xylene	3.48		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
o-Xylene	1.80		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	12/20/24 08:27	12/20/24 13:46	50
1,4-Difluorobenzene (Surr)	99		70 - 130	12/20/24 08:27	12/20/24 13:46	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	10.3		0.200		mg/Kg			12/20/24 13:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3950		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	154		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	3800		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	12/19/24 21:28	12/20/24 12:09	1
o-Terphenyl	121		70 - 130	12/19/24 21:28	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4280		49.9		mg/Kg			12/20/24 12:29	5

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0994	U	0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Ethylbenzene	5.40		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Toluene	1.34		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Xylenes, Total	7.57		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
m-Xylene & p-Xylene	4.90		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
o-Xylene	2.67		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130	12/20/24 08:27	12/20/24 14:06	50

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	12/20/24 08:27	12/20/24 14:06	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	14.3		0.199		mg/Kg			12/20/24 14:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3070		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	177		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	2890		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:28	12/20/24 12:23	1
o-Terphenyl	108		70 - 130				12/19/24 21:28	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3660		49.6		mg/Kg			12/20/24 08:36	5

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Ethylbenzene	0.0238		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Toluene	0.00837		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Xylenes, Total	0.0306		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
m-Xylene & p-Xylene	0.0204		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
o-Xylene	0.0102		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	12/20/24 08:33	12/20/24 11:49	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/20/24 08:33	12/20/24 11:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0628		0.00404		mg/Kg			12/20/24 11:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	538		49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Diesel Range Organics (Over C10-C28)	538	F1	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 11:11	1
o-Terphenyl	79		70 - 130				12/19/24 21:30	12/20/24 11:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3350		50.0		mg/Kg			12/20/24 08:43	5

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Ethylbenzene	0.0475		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Toluene	0.0124		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Xylenes, Total	0.0632		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
m-Xylene & p-Xylene	0.0373		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
o-Xylene	0.0259		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				12/20/24 08:33	12/20/24 12:10	1
1,4-Difluorobenzene (Surr)	93		70 - 130				12/20/24 08:33	12/20/24 12:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.123		0.00401		mg/Kg			12/20/24 12:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2710		49.8		mg/Kg			12/20/24 12:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Diesel Range Organics (Over C10-C28)	2710		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 12:00	1
o-Terphenyl	120		70 - 130				12/19/24 21:30	12/20/24 12:00	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1710		50.3		mg/Kg			12/20/24 08:50	5

Client Sample ID: SS 504

Lab Sample ID: 890-7492-15

Date Collected: 12/19/24 11:40

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Ethylbenzene	0.563		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Toluene	0.173		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Xylenes, Total	0.464		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
m-Xylene & p-Xylene	0.290		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
o-Xylene	0.174		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				12/20/24 08:33	12/20/24 13:32	10
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:33	12/20/24 13:32	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.20		0.0398		mg/Kg			12/20/24 13:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 12:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Diesel Range Organics (Over C10-C28)	1510		50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				12/19/24 21:30	12/20/24 12:15	1
o-Terphenyl	97		70 - 130				12/19/24 21:30	12/20/24 12:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2990		50.0		mg/Kg			12/20/24 09:12	5

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 398

Lab Sample ID: 890-7492-16

Date Collected: 12/19/24 11:27

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0262		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Ethylbenzene	0.199		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Toluene	0.168		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Xylenes, Total	0.269		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
m-Xylene & p-Xylene	0.158		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
o-Xylene	0.111		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	12/20/24 08:33	12/20/24 12:30	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:33	12/20/24 12:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.662		0.00399		mg/Kg			12/20/24 12:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3130		49.9		mg/Kg			12/20/24 12:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.1	++	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Diesel Range Organics (Over C10-C28)	3040		49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	12/19/24 21:30	12/20/24 12:31	1
o-Terphenyl	120		70 - 130	12/19/24 21:30	12/20/24 12:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2960		50.1		mg/Kg			12/20/24 09:19	5

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Ethylbenzene	0.0487		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Toluene	0.00442		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Xylenes, Total	0.0402		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
m-Xylene & p-Xylene	0.0276		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
o-Xylene	0.0126		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	12/20/24 08:33	12/20/24 12:51	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	75		70 - 130	12/20/24 08:33	12/20/24 12:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0933		0.00404		mg/Kg			12/20/24 12:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	311		49.8		mg/Kg			12/20/24 12:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Diesel Range Organics (Over C10-C28)	311		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				12/19/24 21:30	12/20/24 12:47	1
o-Terphenyl	77		70 - 130				12/19/24 21:30	12/20/24 12:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.8		9.96		mg/Kg			12/20/24 09:26	1

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Ethylbenzene	0.191		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Toluene	0.110		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Xylenes, Total	0.265		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
m-Xylene & p-Xylene	0.156		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
o-Xylene	0.109		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130	12/20/24 08:33	12/20/24 13:11	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 13:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.566		0.00402		mg/Kg			12/20/24 13:11	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2050		49.9		mg/Kg			12/20/24 13:03	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Diesel Range Organics (Over C10-C28)	2050		49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				12/19/24 21:30	12/20/24 13:03	1
o-Terphenyl	106		70 - 130				12/19/24 21:30	12/20/24 13:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	930		10.0		mg/Kg			12/20/24 09:33	1

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Ethylbenzene	0.00665		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Toluene	0.00205		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Xylenes, Total	0.0105		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
m-Xylene & p-Xylene	0.00628		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
o-Xylene	0.00418		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				12/20/24 08:30	12/20/24 12:07	1
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 12:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0192		0.00404		mg/Kg			12/20/24 12:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	601		49.7		mg/Kg			12/20/24 13:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U **	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Diesel Range Organics (Over C10-C28)	601		49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				12/19/24 21:30	12/20/24 13:20	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 13:20	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3030		49.7		mg/Kg			12/20/24 09:40	5

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Xylenes, Total	0.133		0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
o-Xylene	0.133		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				12/20/24 08:30	12/20/24 12:27	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/20/24 08:30	12/20/24 12:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.133		0.00401		mg/Kg			12/20/24 12:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/20/24 13:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 13:36	1
o-Terphenyl	66	S1-	70 - 130				12/19/24 21:30	12/20/24 13:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		10.0		mg/Kg			12/20/24 09:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Ethylbenzene	0.950		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Toluene	0.199		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Xylenes, Total	1.58		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
m-Xylene & p-Xylene	0.943		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
o-Xylene	0.636		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	193	S1+	70 - 130	12/20/24 08:30	12/20/24 13:28	10
1,4-Difluorobenzene (Surr)	104		70 - 130	12/20/24 08:30	12/20/24 13:28	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.73		0.0398		mg/Kg			12/20/24 13:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2110		49.8		mg/Kg			12/20/24 13:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Diesel Range Organics (Over C10-C28)	2110		49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	12/19/24 21:30	12/20/24 13:52	1
o-Terphenyl	112		70 - 130	12/19/24 21:30	12/20/24 13:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	812		9.98		mg/Kg			12/20/24 10:09	1

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Ethylbenzene	0.0120		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Toluene	0.00377		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Xylenes, Total	0.0233		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
m-Xylene & p-Xylene	0.0102		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
o-Xylene	0.0131		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	12/20/24 08:30	12/20/24 12:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130	12/20/24 08:30	12/20/24 12:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0391		0.00399		mg/Kg			12/20/24 12:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	573		49.8		mg/Kg			12/20/24 14:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	
Diesel Range Organics (Over C10-C28)	573		49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 14:07	1
o-Terphenyl	78		70 - 130				12/19/24 21:30	12/20/24 14:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2650		50.1		mg/Kg			12/20/24 10:16	5

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Xylenes, Total	0.0889		0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
o-Xylene	0.0889		0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	12/20/24 08:30	12/20/24 13:08	1
1,4-Difluorobenzene (Surr)	91		70 - 130	12/20/24 08:30	12/20/24 13:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0889		0.00404		mg/Kg			12/20/24 13:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 420
Date Collected: 12/19/24 12:22
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-23
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	104		70 - 130				12/19/24 21:32	12/20/24 11:11	1	
o-Terphenyl	109		70 - 130				12/19/24 21:32	12/20/24 11:11	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	162		9.94		mg/Kg			12/20/24 10:38	1	

Surrogate Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
890-7492-1	SS 01	131 S1+	124
890-7492-2	SS 20	128	136 S1+
890-7492-3	SS 64	137 S1+	131 S1+
890-7492-4	SS 80	144 S1+	106
890-7492-5	SS 262	125	122
890-7492-6	SS 320	126	126
890-7492-7	SS 488	106	100
890-7492-8	SS 46	171 S1+	94
890-7492-9	SS 107	107	101
890-7492-10	SS 290	131 S1+	100
890-7492-11	SS 339	122	99
890-7492-12	SS 495	139 S1+	104
890-7492-13	SS 129	109	95
890-7492-14	SS 154	99	93
890-7492-15	SS 504	110	94
890-7492-16	SS 398	141 S1+	96
890-7492-17	SS 183	88	75
890-7492-18	SS 200	159 S1+	93
890-7492-19	SS 435	113	104
890-7492-20	SS 477	98	95
890-7492-21	SS 176	193 S1+	104
890-7492-22	SS 138	115	103
890-7492-23	SS 420	95	91
LCS 880-98432/1-A	Lab Control Sample	101	96
LCS 880-98433/1-A	Lab Control Sample	96	103
LCS 880-98434/1-A	Lab Control Sample	107	104
LCS 880-98435/1-A	Lab Control Sample	106	99
LCSD 880-98432/2-A	Lab Control Sample Dup	103	99
LCSD 880-98433/2-A	Lab Control Sample Dup	94	103
LCSD 880-98434/2-A	Lab Control Sample Dup	109	103
LCSD 880-98435/2-A	Lab Control Sample Dup	108	98
MB 880-98432/5-A	Method Blank	112	85
MB 880-98433/5-A	Method Blank	98	96
MB 880-98434/5-A	Method Blank	111	101
MB 880-98435/5-A	Method Blank	92	93
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1	OTPH1
		(70-130)	(70-130)
890-7492-1	SS 01	83	86
890-7492-2	SS 20	76	77
890-7492-3	SS 64	75	78
890-7492-3 MS	SS 64	78	76

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Surrogate Summary

Client: CDH Consulting

Job ID: 890-7492-1

Project/Site: CLOSE ENCOUNTER 301 H

SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-3 MSD	SS 64	77	76
890-7492-4	SS 80	73	74
890-7492-5	SS 262	70	69 S1-
890-7492-6	SS 320	74	75
890-7492-7	SS 488	75	95
890-7492-8	SS 46	75	81
890-7492-9	SS 107	75	86
890-7492-10	SS 290	85	105
890-7492-11	SS 339	84	121
890-7492-12	SS 495	88	108
890-7492-13	SS 129	84	79
890-7492-13 MS	SS 129	80	81
890-7492-13 MSD	SS 129	79	81
890-7492-14	SS 154	84	120
890-7492-15	SS 504	92	97
890-7492-16	SS 398	85	120
890-7492-17	SS 183	87	77
890-7492-18	SS 200	82	106
890-7492-19	SS 435	77	74
890-7492-20	SS 477	81	66 S1-
890-7492-21	SS 176	88	112
890-7492-22	SS 138	81	78
890-7492-23	SS 420	104	109
890-7492-23 MS	SS 420	92	99
890-7492-23 MSD	SS 420	92	99
LCS 880-98401/2-A	Lab Control Sample	118	102
LCS 880-98402/2-A	Lab Control Sample	121	104
LCS 880-98403/2-A	Lab Control Sample	136 S1+	123
LCS 880-98404/2-A	Lab Control Sample	158 S1+	172 S1+
LCSD 880-98401/3-A	Lab Control Sample Dup	110	95
LCSD 880-98402/3-A	Lab Control Sample Dup	145 S1+	123
LCSD 880-98403/3-A	Lab Control Sample Dup	133 S1+	120
LCSD 880-98404/3-A	Lab Control Sample Dup	166 S1+	175 S1+
MB 880-98401/1-A	Method Blank	81	80
MB 880-98402/1-A	Method Blank	75	75
MB 880-98403/1-A	Method Blank	91	74
MB 880-98404/1-A	Method Blank	93	96
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-98432/5-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	12/20/24 08:24	12/20/24 11:08	1
1,4-Difluorobenzene (Surr)	85		70 - 130	12/20/24 08:24	12/20/24 11:08	1

Lab Sample ID: LCS 880-98432/1-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1137		mg/Kg		114	70 - 130
Ethylbenzene	0.100	0.1107		mg/Kg		111	70 - 130
Toluene	0.100	0.1082		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2221		mg/Kg		111	70 - 130
o-Xylene	0.100	0.1128		mg/Kg		113	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-98432/2-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1182		mg/Kg		118	70 - 130	4	35
Ethylbenzene	0.100	0.1145		mg/Kg		114	70 - 130	3	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2282		mg/Kg		114	70 - 130	3	35
o-Xylene	0.100	0.1165		mg/Kg		117	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	12/20/24 08:27	12/20/24 11:02	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:27	12/20/24 11:02	1

Lab Sample ID: LCS 880-98433/1-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1001		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09410		mg/Kg		94	70 - 130
Toluene	0.100	0.09371		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1885		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09536		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-98433/2-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1048		mg/Kg		105	70 - 130	5	35
Ethylbenzene	0.100	0.09886		mg/Kg		99	70 - 130	5	35
Toluene	0.100	0.09817		mg/Kg		98	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1969		mg/Kg		98	70 - 130	4	35
o-Xylene	0.100	0.09974		mg/Kg		100	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	111		70 - 130				12/20/24 08:30	12/20/24 11:25	1
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:30	12/20/24 11:25	1

Lab Sample ID: LCS 880-98434/1-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits		
		Result	Qualifier						
Benzene	0.100	0.1149		mg/Kg		115	70 - 130		
Ethylbenzene	0.100	0.1100		mg/Kg		110	70 - 130		
Toluene	0.100	0.1116		mg/Kg		112	70 - 130		
m-Xylene & p-Xylene	0.200	0.2234		mg/Kg		112	70 - 130		
o-Xylene	0.100	0.1142		mg/Kg		114	70 - 130		
Surrogate	LCS	LCS	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	107		70 - 130						
1,4-Difluorobenzene (Surr)	104		70 - 130						

Lab Sample ID: LCSD 880-98434/2-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.1162		mg/Kg		116	70 - 130	1	35
Ethylbenzene	0.100	0.1102		mg/Kg		110	70 - 130	0	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2247		mg/Kg		112	70 - 130	1	35
o-Xylene	0.100	0.1148		mg/Kg		115	70 - 130	1	35
Surrogate	LCSD	LCSD	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	109		70 - 130						
1,4-Difluorobenzene (Surr)	103		70 - 130						

Lab Sample ID: MB 880-98435/5-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98435

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac		
4-Bromofluorobenzene (Surr)	92		70 - 130	12/20/24 08:33	12/20/24 11:07	1			
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 11:07	1			

Lab Sample ID: LCS 880-98435/1-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1025		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.1037		mg/Kg		104	70 - 130
Toluene	0.100	0.1077		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2015		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1117		mg/Kg		112	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-98435/2-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1068		mg/Kg		107	70 - 130	4	35
Ethylbenzene	0.100	0.1065		mg/Kg		107	70 - 130	3	35
Toluene	0.100	0.1103		mg/Kg		110	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2041		mg/Kg		102	70 - 130	1	35
o-Xylene	0.100	0.1136		mg/Kg		114	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-98401/1-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98401

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil	Fac
1-Chlorooctane	81		70 - 130	12/19/24 21:26	12/20/24 00:11	1	
o-Terphenyl	80		70 - 130	12/19/24 21:26	12/20/24 00:11	1	

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98401/2-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98401

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1058		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	960.9		mg/Kg		96	70 - 130
Surrogate	%Recovery	LCS Qualifier	LCS	Limits			
1-Chlorooctane	118			70 - 130			
o-Terphenyl	102			70 - 130			

Lab Sample ID: LCSD 880-98401/3-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98401

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1005		mg/Kg		101	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	903.5		mg/Kg		90	70 - 130	6	20
Surrogate	%Recovery	LCSD Qualifier	LCSD	Limits					
1-Chlorooctane	110			70 - 130					
o-Terphenyl	95			70 - 130					

Lab Sample ID: MB 880-98402/1-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 98402

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Surrogate	%Recovery	MB Qualifier	MB	Limits	Prepared	Analyzed	Dil Fac		
1-Chlorooctane	75			70 - 130	12/19/24 21:28	12/20/24 00:11	1		
o-Terphenyl	75			70 - 130	12/19/24 21:28	12/20/24 00:11	1		

Lab Sample ID: LCS 880-98402/2-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1061		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1028		mg/Kg		103	70 - 130

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98402/2-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98402

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: LCSD 880-98402/3-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1288		mg/Kg		129	70 - 130	19	20
Diesel Range Organics (Over C10-C28)	1000	1231		mg/Kg		123	70 - 130	18	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	145	S1+	70 - 130
o-Terphenyl	123		70 - 130

Lab Sample ID: 890-7492-3 MS

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: SS 64

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	665.3	F1	mg/Kg		67	70 - 130
Diesel Range Organics (Over C10-C28)	631	F1	998	1155	F1	mg/Kg		53	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	78		70 - 130
o-Terphenyl	76		70 - 130

Lab Sample ID: 890-7492-3 MSD

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: SS 64

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	660.4	F1	mg/Kg		66	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	631	F1	998	1141	F1	mg/Kg		51	70 - 130	1	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	77		70 - 130
o-Terphenyl	76		70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-98403/1-A
Matrix: Solid
Analysis Batch: 98427

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 98403

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	12/19/24 21:30	12/20/24 09:12	1
o-Terphenyl	74		70 - 130	12/19/24 21:30	12/20/24 09:12	1

Lab Sample ID: LCS 880-98403/2-A
Matrix: Solid
Analysis Batch: 98427

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98403

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1333	*+	mg/Kg		133	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1178		mg/Kg		118	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	136	S1+	70 - 130
o-Terphenyl	123		70 - 130

Lab Sample ID: LCSD 880-98403/3-A
Matrix: Solid
Analysis Batch: 98427

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98403

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1180		mg/Kg		118	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	1000	1166		mg/Kg		117	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	133	S1+	70 - 130
o-Terphenyl	120		70 - 130

Lab Sample ID: 890-7492-13 MS
Matrix: Solid
Analysis Batch: 98427

Client Sample ID: SS 129
Prep Type: Total/NA
Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	997	729.6		mg/Kg		73	70 - 130
Diesel Range Organics (Over C10-C28)	538	F1	997	1207	F1	mg/Kg		67	70 - 130

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	80		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: 890-7492-13 MSD

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	997	855.4		mg/Kg		86	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	538	F1	997	1282		mg/Kg		75	70 - 130	6	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	79		70 - 130								
o-Terphenyl	81		70 - 130								

Lab Sample ID: MB 880-98404/1-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98404

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				12/19/24 21:32	12/20/24 09:12	1
o-Terphenyl	96		70 - 130				12/19/24 21:32	12/20/24 09:12	1

Lab Sample ID: LCS 880-98404/2-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1398	*+	mg/Kg		140	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1468	*+	mg/Kg		147	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	158	S1+	70 - 130				
o-Terphenyl	172	S1+	70 - 130				

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-98404/3-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1465	*+	mg/Kg		147	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	1590	*+	mg/Kg		159	70 - 130	8	20
		LCSD	LCSD						
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane	166	S1+	70 - 130						
o-Terphenyl	175	S1+	70 - 130						

Lab Sample ID: 890-7492-23 MS

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: SS 420

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	781.1		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	867.3		mg/Kg		84	70 - 130		
		MS	MS								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Lab Sample ID: 890-7492-23 MSD

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: SS 420

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	804.1		mg/Kg		80	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	863.1		mg/Kg		84	70 - 130	0	20
		MSD	MSD								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-98374/1-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 08:34	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-98374/2-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.6		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-98374/3-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	245.0		mg/Kg		98	90 - 110	2	20

Lab Sample ID: 890-7492-2 MS

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1300	F1	1250	3073	F1	mg/Kg		142	90 - 110

Lab Sample ID: 890-7492-2 MSD

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1300	F1	1250	3070	F1	mg/Kg		142	90 - 110	0	20

Lab Sample ID: MB 880-98373/1-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 03:00	1

Lab Sample ID: LCS 880-98373/2-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	258.6		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-98373/3-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	257.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-7492-20 MS

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: SS 477

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	126		257	387.5		mg/Kg		102	90 - 110

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-7492-20 MSD							Client Sample ID: SS 477					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 98377												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	126		248	372.8		mg/Kg		100	90 - 110	4	20	

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA

Analysis Batch: 98350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-2	SS 20	Total/NA	Solid	8021B	98432
890-7492-3	SS 64	Total/NA	Solid	8021B	98432
890-7492-4	SS 80	Total/NA	Solid	8021B	98432
890-7492-5	SS 262	Total/NA	Solid	8021B	98432
890-7492-6	SS 320	Total/NA	Solid	8021B	98432
MB 880-98432/5-A	Method Blank	Total/NA	Solid	8021B	98432
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	8021B	98432
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98432

Analysis Batch: 98351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	8021B	98433
890-7492-8	SS 46	Total/NA	Solid	8021B	98433
890-7492-9	SS 107	Total/NA	Solid	8021B	98433
890-7492-10	SS 290	Total/NA	Solid	8021B	98433
890-7492-11	SS 339	Total/NA	Solid	8021B	98433
890-7492-12	SS 495	Total/NA	Solid	8021B	98433
MB 880-98433/5-A	Method Blank	Total/NA	Solid	8021B	98433
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	8021B	98433
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98433

Analysis Batch: 98352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	8021B	98434
890-7492-20	SS 477	Total/NA	Solid	8021B	98434
890-7492-21	SS 176	Total/NA	Solid	8021B	98434
890-7492-22	SS 138	Total/NA	Solid	8021B	98434
890-7492-23	SS 420	Total/NA	Solid	8021B	98434
MB 880-98434/5-A	Method Blank	Total/NA	Solid	8021B	98434
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	8021B	98434
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98434

Analysis Batch: 98353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8021B	98435
890-7492-14	SS 154	Total/NA	Solid	8021B	98435
890-7492-15	SS 504	Total/NA	Solid	8021B	98435
890-7492-16	SS 398	Total/NA	Solid	8021B	98435
890-7492-17	SS 183	Total/NA	Solid	8021B	98435
890-7492-18	SS 200	Total/NA	Solid	8021B	98435
MB 880-98435/5-A	Method Blank	Total/NA	Solid	8021B	98435
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	8021B	98435
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98435

Prep Batch: 98432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	5035	
890-7492-2	SS 20	Total/NA	Solid	5035	
890-7492-3	SS 64	Total/NA	Solid	5035	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Prep Batch: 98432 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-4	SS 80	Total/NA	Solid	5035	
890-7492-5	SS 262	Total/NA	Solid	5035	
890-7492-6	SS 320	Total/NA	Solid	5035	
MB 880-98432/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	5035	
890-7492-8	SS 46	Total/NA	Solid	5035	
890-7492-9	SS 107	Total/NA	Solid	5035	
890-7492-10	SS 290	Total/NA	Solid	5035	
890-7492-11	SS 339	Total/NA	Solid	5035	
890-7492-12	SS 495	Total/NA	Solid	5035	
MB 880-98433/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	5035	
890-7492-20	SS 477	Total/NA	Solid	5035	
890-7492-21	SS 176	Total/NA	Solid	5035	
890-7492-22	SS 138	Total/NA	Solid	5035	
890-7492-23	SS 420	Total/NA	Solid	5035	
MB 880-98434/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	5035	
890-7492-14	SS 154	Total/NA	Solid	5035	
890-7492-15	SS 504	Total/NA	Solid	5035	
890-7492-16	SS 398	Total/NA	Solid	5035	
890-7492-17	SS 183	Total/NA	Solid	5035	
890-7492-18	SS 200	Total/NA	Solid	5035	
MB 880-98435/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 98498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	Total BTEX	
890-7492-2	SS 20	Total/NA	Solid	Total BTEX	
890-7492-3	SS 64	Total/NA	Solid	Total BTEX	
890-7492-4	SS 80	Total/NA	Solid	Total BTEX	
890-7492-5	SS 262	Total/NA	Solid	Total BTEX	
890-7492-6	SS 320	Total/NA	Solid	Total BTEX	
890-7492-7	SS 488	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Analysis Batch: 98498 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-8	SS 46	Total/NA	Solid	Total BTEX	
890-7492-9	SS 107	Total/NA	Solid	Total BTEX	
890-7492-10	SS 290	Total/NA	Solid	Total BTEX	
890-7492-11	SS 339	Total/NA	Solid	Total BTEX	
890-7492-12	SS 495	Total/NA	Solid	Total BTEX	
890-7492-13	SS 129	Total/NA	Solid	Total BTEX	
890-7492-14	SS 154	Total/NA	Solid	Total BTEX	
890-7492-15	SS 504	Total/NA	Solid	Total BTEX	
890-7492-16	SS 398	Total/NA	Solid	Total BTEX	
890-7492-17	SS 183	Total/NA	Solid	Total BTEX	
890-7492-18	SS 200	Total/NA	Solid	Total BTEX	
890-7492-19	SS 435	Total/NA	Solid	Total BTEX	
890-7492-20	SS 477	Total/NA	Solid	Total BTEX	
890-7492-21	SS 176	Total/NA	Solid	Total BTEX	
890-7492-22	SS 138	Total/NA	Solid	Total BTEX	
890-7492-23	SS 420	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 98401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015NM Prep	
890-7492-2	SS 20	Total/NA	Solid	8015NM Prep	
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 98402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-4	SS 80	Total/NA	Solid	8015NM Prep	
890-7492-5	SS 262	Total/NA	Solid	8015NM Prep	
890-7492-6	SS 320	Total/NA	Solid	8015NM Prep	
890-7492-7	SS 488	Total/NA	Solid	8015NM Prep	
890-7492-8	SS 46	Total/NA	Solid	8015NM Prep	
890-7492-9	SS 107	Total/NA	Solid	8015NM Prep	
890-7492-10	SS 290	Total/NA	Solid	8015NM Prep	
890-7492-11	SS 339	Total/NA	Solid	8015NM Prep	
890-7492-12	SS 495	Total/NA	Solid	8015NM Prep	
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-3 MS	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-3 MSD	SS 64	Total/NA	Solid	8015NM Prep	

Prep Batch: 98403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-14	SS 154	Total/NA	Solid	8015NM Prep	
890-7492-15	SS 504	Total/NA	Solid	8015NM Prep	
890-7492-16	SS 398	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Prep Batch: 98403 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-17	SS 183	Total/NA	Solid	8015NM Prep	
890-7492-18	SS 200	Total/NA	Solid	8015NM Prep	
890-7492-19	SS 435	Total/NA	Solid	8015NM Prep	
890-7492-20	SS 477	Total/NA	Solid	8015NM Prep	
890-7492-21	SS 176	Total/NA	Solid	8015NM Prep	
890-7492-22	SS 138	Total/NA	Solid	8015NM Prep	
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-13 MS	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-13 MSD	SS 129	Total/NA	Solid	8015NM Prep	

Prep Batch: 98404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015NM Prep	
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-23 MS	SS 420	Total/NA	Solid	8015NM Prep	
890-7492-23 MSD	SS 420	Total/NA	Solid	8015NM Prep	

Analysis Batch: 98423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015B NM	98401
890-7492-2	SS 20	Total/NA	Solid	8015B NM	98401
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015B NM	98401
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98401
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98401

Analysis Batch: 98425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-4	SS 80	Total/NA	Solid	8015B NM	98402
890-7492-5	SS 262	Total/NA	Solid	8015B NM	98402
890-7492-6	SS 320	Total/NA	Solid	8015B NM	98402
890-7492-7	SS 488	Total/NA	Solid	8015B NM	98402
890-7492-8	SS 46	Total/NA	Solid	8015B NM	98402
890-7492-9	SS 107	Total/NA	Solid	8015B NM	98402
890-7492-10	SS 290	Total/NA	Solid	8015B NM	98402
890-7492-11	SS 339	Total/NA	Solid	8015B NM	98402
890-7492-12	SS 495	Total/NA	Solid	8015B NM	98402
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015B NM	98402
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98402
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98402
890-7492-3 MS	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-3 MSD	SS 64	Total/NA	Solid	8015B NM	98402

Analysis Batch: 98427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-14	SS 154	Total/NA	Solid	8015B NM	98403

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Analysis Batch: 98427 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-15	SS 504	Total/NA	Solid	8015B NM	98403
890-7492-16	SS 398	Total/NA	Solid	8015B NM	98403
890-7492-17	SS 183	Total/NA	Solid	8015B NM	98403
890-7492-18	SS 200	Total/NA	Solid	8015B NM	98403
890-7492-19	SS 435	Total/NA	Solid	8015B NM	98403
890-7492-20	SS 477	Total/NA	Solid	8015B NM	98403
890-7492-21	SS 176	Total/NA	Solid	8015B NM	98403
890-7492-22	SS 138	Total/NA	Solid	8015B NM	98403
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015B NM	98403
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98403
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98403
890-7492-13 MS	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-13 MSD	SS 129	Total/NA	Solid	8015B NM	98403

Analysis Batch: 98430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015B NM	98404
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015B NM	98404
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98404
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98404
890-7492-23 MS	SS 420	Total/NA	Solid	8015B NM	98404
890-7492-23 MSD	SS 420	Total/NA	Solid	8015B NM	98404

Analysis Batch: 98523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015 NM	
890-7492-2	SS 20	Total/NA	Solid	8015 NM	
890-7492-3	SS 64	Total/NA	Solid	8015 NM	
890-7492-4	SS 80	Total/NA	Solid	8015 NM	
890-7492-5	SS 262	Total/NA	Solid	8015 NM	
890-7492-6	SS 320	Total/NA	Solid	8015 NM	
890-7492-7	SS 488	Total/NA	Solid	8015 NM	
890-7492-8	SS 46	Total/NA	Solid	8015 NM	
890-7492-9	SS 107	Total/NA	Solid	8015 NM	
890-7492-10	SS 290	Total/NA	Solid	8015 NM	
890-7492-11	SS 339	Total/NA	Solid	8015 NM	
890-7492-12	SS 495	Total/NA	Solid	8015 NM	
890-7492-13	SS 129	Total/NA	Solid	8015 NM	
890-7492-14	SS 154	Total/NA	Solid	8015 NM	
890-7492-15	SS 504	Total/NA	Solid	8015 NM	
890-7492-16	SS 398	Total/NA	Solid	8015 NM	
890-7492-17	SS 183	Total/NA	Solid	8015 NM	
890-7492-18	SS 200	Total/NA	Solid	8015 NM	
890-7492-19	SS 435	Total/NA	Solid	8015 NM	
890-7492-20	SS 477	Total/NA	Solid	8015 NM	
890-7492-21	SS 176	Total/NA	Solid	8015 NM	
890-7492-22	SS 138	Total/NA	Solid	8015 NM	
890-7492-23	SS 420	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC

Leach Batch: 98373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	DI Leach	
890-7492-13	SS 129	Soluble	Solid	DI Leach	
890-7492-14	SS 154	Soluble	Solid	DI Leach	
890-7492-15	SS 504	Soluble	Solid	DI Leach	
890-7492-16	SS 398	Soluble	Solid	DI Leach	
890-7492-17	SS 183	Soluble	Solid	DI Leach	
890-7492-18	SS 200	Soluble	Solid	DI Leach	
890-7492-19	SS 435	Soluble	Solid	DI Leach	
890-7492-20	SS 477	Soluble	Solid	DI Leach	
890-7492-21	SS 176	Soluble	Solid	DI Leach	
890-7492-22	SS 138	Soluble	Solid	DI Leach	
890-7492-23	SS 420	Soluble	Solid	DI Leach	
MB 880-98373/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-20 MS	SS 477	Soluble	Solid	DI Leach	
890-7492-20 MSD	SS 477	Soluble	Solid	DI Leach	

Leach Batch: 98374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	DI Leach	
890-7492-2	SS 20	Soluble	Solid	DI Leach	
890-7492-3	SS 64	Soluble	Solid	DI Leach	
890-7492-4	SS 80	Soluble	Solid	DI Leach	
890-7492-5	SS 262	Soluble	Solid	DI Leach	
890-7492-6	SS 320	Soluble	Solid	DI Leach	
890-7492-7	SS 488	Soluble	Solid	DI Leach	
890-7492-8	SS 46	Soluble	Solid	DI Leach	
890-7492-9	SS 107	Soluble	Solid	DI Leach	
890-7492-10	SS 290	Soluble	Solid	DI Leach	
890-7492-11	SS 339	Soluble	Solid	DI Leach	
MB 880-98374/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-2 MS	SS 20	Soluble	Solid	DI Leach	
890-7492-2 MSD	SS 20	Soluble	Solid	DI Leach	

Analysis Batch: 98376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	300.0	98374
890-7492-2	SS 20	Soluble	Solid	300.0	98374
890-7492-3	SS 64	Soluble	Solid	300.0	98374
890-7492-4	SS 80	Soluble	Solid	300.0	98374
890-7492-5	SS 262	Soluble	Solid	300.0	98374
890-7492-6	SS 320	Soluble	Solid	300.0	98374
890-7492-7	SS 488	Soluble	Solid	300.0	98374
890-7492-8	SS 46	Soluble	Solid	300.0	98374
890-7492-9	SS 107	Soluble	Solid	300.0	98374
890-7492-10	SS 290	Soluble	Solid	300.0	98374
890-7492-11	SS 339	Soluble	Solid	300.0	98374
MB 880-98374/1-A	Method Blank	Soluble	Solid	300.0	98374

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC (Continued)

Analysis Batch: 98376 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	300.0	98374
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98374
890-7492-2 MS	SS 20	Soluble	Solid	300.0	98374
890-7492-2 MSD	SS 20	Soluble	Solid	300.0	98374

Analysis Batch: 98377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	300.0	98373
890-7492-13	SS 129	Soluble	Solid	300.0	98373
890-7492-14	SS 154	Soluble	Solid	300.0	98373
890-7492-15	SS 504	Soluble	Solid	300.0	98373
890-7492-16	SS 398	Soluble	Solid	300.0	98373
890-7492-17	SS 183	Soluble	Solid	300.0	98373
890-7492-18	SS 200	Soluble	Solid	300.0	98373
890-7492-19	SS 435	Soluble	Solid	300.0	98373
890-7492-20	SS 477	Soluble	Solid	300.0	98373
890-7492-21	SS 176	Soluble	Solid	300.0	98373
890-7492-22	SS 138	Soluble	Solid	300.0	98373
890-7492-23	SS 420	Soluble	Solid	300.0	98373
MB 880-98373/1-A	Method Blank	Soluble	Solid	300.0	98373
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	300.0	98373
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98373
890-7492-20 MS	SS 477	Soluble	Solid	300.0	98373
890-7492-20 MSD	SS 477	Soluble	Solid	300.0	98373

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01
Date Collected: 12/19/24 08:20
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 11:51
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		5	98350	MNR	EET MID	12/20/24 13:55
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:55
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		20	98376	CH	EET MID	12/20/24 10:49

Client Sample ID: SS 20
Date Collected: 12/19/24 08:36
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:15
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:15
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 10:58

Client Sample ID: SS 64
Date Collected: 12/19/24 08:47
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 12:33
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:33
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 09:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 09:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:54

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80
Date Collected: 12/19/24 08:53
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:36
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:36
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:24
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:24
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:30

Client Sample ID: SS 262
Date Collected: 12/19/24 08:59
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		50	98350	MNR	EET MID	12/20/24 13:14
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:14
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:38
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:38
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:48

Client Sample ID: SS 320
Date Collected: 12/19/24 09:04
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		25	98350	MNR	EET MID	12/20/24 13:34
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:34
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:53
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:53
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:59

Client Sample ID: SS 488
Date Collected: 12/19/24 09:12
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		100	98351	MNR	EET MID	12/20/24 12:24
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:24

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:08
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:08
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:06

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 12:45
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:45
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:25
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:25
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:11

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:05
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:05
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:17

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:25
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:25
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:54
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:54

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:23

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:46
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:46
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:29

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 14:06
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:06
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:36

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 11:49
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 11:49
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:43

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154
Date Collected: 12/19/24 11:19
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:10
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:10
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:00
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:00
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:50

Client Sample ID: SS 504
Date Collected: 12/19/24 11:40
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		10	98353	MNR	EET MID	12/20/24 13:32
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:32
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:15
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:15
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:12

Client Sample ID: SS 398
Date Collected: 12/19/24 11:27
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:30
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:30
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:31
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:31
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:19

Client Sample ID: SS 183
Date Collected: 12/19/24 11:44
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:51
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:51

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:47
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:47
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:26

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 13:11
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:11
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:03
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:03
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:33

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:07
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:07
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:20
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:20
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:40

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:27
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:27
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:36
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:36

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:48

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		10	98352	MNR	EET MID	12/20/24 13:28
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:28
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:52
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:52
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:09

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:48
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:48
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 14:07
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 14:07
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 10:16

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 13:08
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:08
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98404	EL	EET MID	12/19/24 21:32
Total/NA	Analysis	8015B NM		1	98430	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:38

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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- 10
- 11
- 12
- 13
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Method Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7492-1	SS 01	Solid	12/19/24 08:20	12/19/24 15:45	- SURFACE
890-7492-2	SS 20	Solid	12/19/24 08:36	12/19/24 15:45	- SURFACE
890-7492-3	SS 64	Solid	12/19/24 08:47	12/19/24 15:45	- SURFACE
890-7492-4	SS 80	Solid	12/19/24 08:53	12/19/24 15:45	- SURFACE
890-7492-5	SS 262	Solid	12/19/24 08:59	12/19/24 15:45	- SURFACE
890-7492-6	SS 320	Solid	12/19/24 09:04	12/19/24 15:45	- SURFACE
890-7492-7	SS 488	Solid	12/19/24 09:12	12/19/24 15:45	- SURFACE
890-7492-8	SS 46	Solid	12/19/24 10:15	12/19/24 15:45	- SURFACE
890-7492-9	SS 107	Solid	12/19/24 10:22	12/19/24 15:45	- SURFACE
890-7492-10	SS 290	Solid	12/19/24 10:30	12/19/24 15:45	- SURFACE
890-7492-11	SS 339	Solid	12/19/24 10:37	12/19/24 15:45	- SURFACE
890-7492-12	SS 495	Solid	12/19/24 10:44	12/19/24 15:45	- SURFACE
890-7492-13	SS 129	Solid	12/19/24 11:07	12/19/24 15:45	- SURFACE
890-7492-14	SS 154	Solid	12/19/24 11:19	12/19/24 15:45	- SURFACE
890-7492-15	SS 504	Solid	12/19/24 11:40	12/19/24 15:45	- SURFACE
890-7492-16	SS 398	Solid	12/19/24 11:27	12/19/24 15:45	- SURFACE
890-7492-17	SS 183	Solid	12/19/24 11:44	12/19/24 15:45	- SURFACE
890-7492-18	SS 200	Solid	12/19/24 11:49	12/19/24 15:45	- SURFACE
890-7492-19	SS 435	Solid	12/19/24 11:53	12/19/24 15:45	- SURFACE
890-7492-20	SS 477	Solid	12/19/24 12:02	12/19/24 15:45	- SURFACE
890-7492-21	SS 176	Solid	12/19/24 12:07	12/19/24 15:45	- SURFACE
890-7492-22	SS 138	Solid	12/19/24 12:17	12/19/24 15:45	- SURFACE
890-7492-23	SS 420	Solid	12/19/24 12:22	12/19/24 15:45	- SURFACE



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
 Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
 EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
 Little Rock, AR (501) 224-5060

Environment Testing

Work Order No: _____

Page 1 of 3

Project Manager: <u>Michael Wicker</u>		Bill to: (if different)		<u>CDH Consulting</u>		Work Order Comments	
Company Name: <u>Certo</u>		Company Name:				Program: ☐ PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
Address:		Address:				State of Project:	
City, State ZIP:		City, State ZIP:				Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Phone: <u>1616-970-8459</u>		Email: <u>mwicker@cdhconsult.com</u>				Deliverables: EDD ☐ ADAPT ☐ Other:	

ANALYSIS REQUEST				PRESERVATIVE CODES							
Project Name:	Turn Around	Pres. Code		None: NO	DI Water: H ₂ O						
Project Number:	☐ Routine ☒ Rush			Cool: Cool	MeOH: Me						
Project Location:	Due Date: <u>12-20-2024</u>			HCL: HC	HNO ₃						
Sampler's Name:	TAT starts the day received by the lab, if received by 4:30pm			H ₂ SO ₄ : H ₂	NaOH: Na						
PO #:				H ₃ PO ₄ : HP							
SAMPLE RECEIPT Samples Received Intact: ☒ Yes ☒ No ☒ Wet Ice: ☒ Yes ☒ No ☒ Cooler Custody Seals: ☒ Yes ☒ No ☒ N/A ☒ Thermometer ID: <u>Tuner</u> Sample Custody Seals: ☒ Yes ☒ No ☒ N/A ☒ Correction Factor: <u>-0.2</u> Total Containers: <u>5</u> Temperature Reading: <u>5.8</u> Corrected Temperature: <u>5.0</u>				890-7492 Chain of Custody 							
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Sample Comments				
SS01	S	12-19-24	08:20	Surf	C	1					
SS20	S		08:36		C	1					
SS64	S		08:47		C	1					
SS80	S		08:53		C	1					
SS262	S		08:59		C	1					
SS320	S		09:04		C	1					
SS488	S		09:12		C	1					
SS46	S		10:15		C	1					
SS107	S		10:22		C	1					
SS290	S		10:30		C	1					

Total 200.7 / 6010 200.8 / 6020:		8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn	
Circle Method(s) and Metal(s) to be analyzed		TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471	

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>Dakotah Cueto</u>	<u>Ben</u>	12/19 1545			
3		4			
5		6			



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Environment Testing

Work Order No:

Little Rock, AR (501) 224-5060

Page 2 of 3

Project Manager: Michael Wicker		Bill to: (if different) CDH Consulting	
Company Name: CDH		Company Name:	
Address:		Address:	
City, State ZIP:		City, State ZIP:	
Phone: 616-970-8459		Email: mwicker@cdhconsult.com	
Project Name: Close Encounters 301H		Turn Around	
Project Number:		☐ Routine ☒ Rush	
Project Location: Buckeye, NM		Due Date: 12-20-2024	
Sampler's Name: Datoatah Cueto		TAT starts the day received by the lab, if received by 4:30pm	
PO #:			
SAMPLE RECEIPT		Parameters	
Samples Received Intact: Yes No		Wet Ice: Yes No	
Cooler Custody Seals: Yes No N/A		Thermometer ID:	
Sample Custody Seals: Yes No N/A		Temperature Reading:	
Total Containers:		Corrected Temperature:	
Sample Identification		Matrix	
Date Sampled		Time Sampled	
Depth		Grab/Comp	
# of		Cont	
55339		S	
55495		S	
55129		S	
55154		S	
55504		S	
55398		S	
55183		S	
55200		S	
55435		S	
55477		S	
Total 200.7 / 6010 200.8 / 6020:		8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti Sn U V Zn	
Circle Method(s) and Metal(s) to be analyzed		TCPL / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471	
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.			
Relinquished by: (Signature) Datoatah Cueto		Received by: (Signature)	
Date/Time		Date/Time	
Relinquished by: (Signature)		Received by: (Signature)	
Date/Time		Date/Time	



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3499
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 3 of 3

[illegible]

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Source: Eurofins Midland

List Number: 2

List Creation: 12/19/24 09:21 PM

Creator: Laing, Edmundo

Question	Answer	Comment
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time (excluding tests with immediate HTs)		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").		



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Michael Wicker
CDH Consulting
9446 Clermont St,
Thornton, Colorado 80229

Generated 1/2/2025 3:03:54 PM

JOB DESCRIPTION

CLOSE ENCOUNTERS 301 H
BUCKEYE

JOB NUMBER

890-7526-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

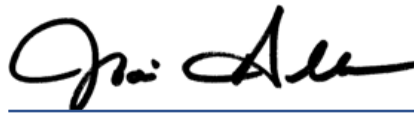
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
1/2/2025 3:03:54 PM

Authorized for release by
Jodi Allen, Project Manager I
Jodi.Allen@et.eurofinsus.com
(281)520-2865

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Laboratory Job ID: 890-7526-1
SDG: BUCKEYE

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Definitions/Glossary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7526-1
SDG: BUCKEYE

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTERS 301 H

Job ID: 890-7526-1

Job ID: 890-7526-1

Eurofins Carlsbad

Job Narrative
890-7526-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 12/31/2024 3:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.2°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS 424 @ 1.5' - 2' (890-7526-1), SS 398 @ 1.5' - 2' (890-7526-2), SS 379 @ 1.5' - 2' (890-7526-3), SS 288 @ 1.5' - 2' (890-7526-4), SS 393 @ 1.5' - 2' (890-7526-5), SS 497 @ 1.5' - 2' (890-7526-6) and SS 488 @ 1.5' - 2' (890-7526-7).

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: SS 393 @ 1.5' - 2' (890-7526-5) and (880-52714-A-21-B). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SS 497 @ 1.5' - 2' (890-7526-6), (880-52714-A-21-C MS) and (880-52714-A-21-D MSD). Evidence of matrix interferences is not obvious.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-99275 and analytical batch 880-99276 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

The associated samples are: SS 424 @ 1.5' - 2' (890-7526-1), SS 398 @ 1.5' - 2' (890-7526-2), SS 379 @ 1.5' - 2' (890-7526-3), SS 288 @ 1.5' - 2' (890-7526-4), SS 393 @ 1.5' - 2' (890-7526-5), SS 497 @ 1.5' - 2' (890-7526-6), SS 488 @ 1.5' - 2' (890-7526-7), (890-7526-A-1-F MS) and (890-7526-A-1-G MSD).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7526-1
SDG: BUCKEYE

Client Sample ID: SS 424 @ 1.5' - 2'

Lab Sample ID: 890-7526-1

Date Collected: 12/31/24 08:28

Matrix: Solid

Date Received: 12/31/24 15:30

Sample Depth: 1.5'-2'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/02/25 09:00	01/02/25 11:46	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/02/25 09:00	01/02/25 11:46	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/02/25 09:00	01/02/25 11:46	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/02/25 09:00	01/02/25 11:46	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/02/25 09:00	01/02/25 11:46	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/02/25 09:00	01/02/25 11:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	01/02/25 09:00	01/02/25 11:46	1
1,4-Difluorobenzene (Surr)	99		70 - 130	01/02/25 09:00	01/02/25 11:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/02/25 11:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	78.9		49.7		mg/Kg			01/02/25 12:03	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/27/24 14:33	01/02/25 12:03	1
Diesel Range Organics (Over C10-C28)	78.9		49.7		mg/Kg		12/27/24 14:33	01/02/25 12:03	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/27/24 14:33	01/02/25 12:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	12/27/24 14:33	01/02/25 12:03	1
o-Terphenyl	86		70 - 130	12/27/24 14:33	01/02/25 12:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	262	F1	10.0		mg/Kg			01/02/25 10:47	1

Client Sample ID: SS 398 @ 1.5' - 2'

Lab Sample ID: 890-7526-2

Date Collected: 12/31/24 08:32

Matrix: Solid

Date Received: 12/31/24 15:30

Sample Depth: 1.5'-2'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/02/25 09:00	01/02/25 12:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/02/25 09:00	01/02/25 12:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/02/25 09:00	01/02/25 12:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/02/25 09:00	01/02/25 12:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/02/25 09:00	01/02/25 12:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/02/25 09:00	01/02/25 12:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	01/02/25 09:00	01/02/25 12:06	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7526-1
SDG: BUCKEYE

Client Sample ID: SS 398 @ 1.5' - 2'

Lab Sample ID: 890-7526-2

Date Collected: 12/31/24 08:32

Matrix: Solid

Date Received: 12/31/24 15:30

Sample Depth: 1.5'-2'

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	102		70 - 130	01/02/25 09:00	01/02/25 12:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/02/25 12:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/02/25 12:17	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/27/24 14:33	01/02/25 12:17	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/27/24 14:33	01/02/25 12:17	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/27/24 14:33	01/02/25 12:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				12/27/24 14:33	01/02/25 12:17	1
o-Terphenyl	76		70 - 130				12/27/24 14:33	01/02/25 12:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	46.0		10.1		mg/Kg			01/02/25 11:05	1

Client Sample ID: SS 379 @ 1.5' - 2'

Lab Sample ID: 890-7526-3

Date Collected: 12/31/24 08:39

Matrix: Solid

Date Received: 12/31/24 15:30

Sample Depth: 1.5'-2'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/02/25 09:00	01/02/25 12:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/02/25 09:00	01/02/25 12:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/02/25 09:00	01/02/25 12:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/02/25 09:00	01/02/25 12:27	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/02/25 09:00	01/02/25 12:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/02/25 09:00	01/02/25 12:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				01/02/25 09:00	01/02/25 12:27	1
1,4-Difluorobenzene (Surr)	98		70 - 130				01/02/25 09:00	01/02/25 12:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/02/25 12:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/02/25 12:32	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7526-1
SDG: BUCKEYE

Client Sample ID: SS 379 @ 1.5' - 2'

Lab Sample ID: 890-7526-3

Date Collected: 12/31/24 08:39

Matrix: Solid

Date Received: 12/31/24 15:30

Sample Depth: 1.5'-2'

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/27/24 14:33	01/02/25 12:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/27/24 14:33	01/02/25 12:32	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/27/24 14:33	01/02/25 12:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/27/24 14:33	01/02/25 12:32	1
o-Terphenyl	74		70 - 130				12/27/24 14:33	01/02/25 12:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.7		9.96		mg/Kg			01/02/25 11:11	1

Client Sample ID: SS 288 @ 1.5' - 2'

Lab Sample ID: 890-7526-4

Date Collected: 12/31/24 08:43

Matrix: Solid

Date Received: 12/31/24 15:30

Sample Depth: 1.5'-2'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/02/25 09:00	01/02/25 12:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/02/25 09:00	01/02/25 12:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/02/25 09:00	01/02/25 12:47	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/02/25 09:00	01/02/25 12:47	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/02/25 09:00	01/02/25 12:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/02/25 09:00	01/02/25 12:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				01/02/25 09:00	01/02/25 12:47	1
1,4-Difluorobenzene (Surr)	99		70 - 130				01/02/25 09:00	01/02/25 12:47	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/02/25 12:47	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/02/25 12:48	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/27/24 14:33	01/02/25 12:48	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/27/24 14:33	01/02/25 12:48	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/27/24 14:33	01/02/25 12:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				12/27/24 14:33	01/02/25 12:48	1
o-Terphenyl	80		70 - 130				12/27/24 14:33	01/02/25 12:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7526-1
SDG: BUCKEYE

Client Sample ID: SS 288 @ 1.5' - 2'

Lab Sample ID: 890-7526-4

Date Collected: 12/31/24 08:43

Matrix: Solid

Date Received: 12/31/24 15:30

Sample Depth: 1.5'-2'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	141		9.94		mg/Kg			01/02/25 11:17	1

Client Sample ID: SS 393 @ 1.5' - 2'

Lab Sample ID: 890-7526-5

Date Collected: 12/31/24 08:46

Matrix: Solid

Date Received: 12/31/24 15:30

Sample Depth: 1.5'-2'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/02/25 09:00	01/02/25 13:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/02/25 09:00	01/02/25 13:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/02/25 09:00	01/02/25 13:08	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/02/25 09:00	01/02/25 13:08	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/02/25 09:00	01/02/25 13:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/02/25 09:00	01/02/25 13:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				01/02/25 09:00	01/02/25 13:08	1
1,4-Difluorobenzene (Surr)	100		70 - 130				01/02/25 09:00	01/02/25 13:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/02/25 13:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/02/25 12:03	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/31/24 13:04	01/02/25 12:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/31/24 13:04	01/02/25 12:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/31/24 13:04	01/02/25 12:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130				12/31/24 13:04	01/02/25 12:03	1
o-Terphenyl	67	S1-	70 - 130				12/31/24 13:04	01/02/25 12:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.5		9.90		mg/Kg			01/02/25 11:22	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7526-1
SDG: BUCKEYE

Client Sample ID: SS 497 @ 1.5' - 2'

Lab Sample ID: 890-7526-6

Date Collected: 12/31/24 11:19

Matrix: Solid

Date Received: 12/31/24 15:30

Sample Depth: 1.5'-2'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		01/02/25 09:00	01/02/25 13:28	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/02/25 09:00	01/02/25 13:28	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/02/25 09:00	01/02/25 13:28	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/02/25 09:00	01/02/25 13:28	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		01/02/25 09:00	01/02/25 13:28	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/02/25 09:00	01/02/25 13:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	01/02/25 09:00	01/02/25 13:28	1
1,4-Difluorobenzene (Surr)	100		70 - 130	01/02/25 09:00	01/02/25 13:28	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			01/02/25 13:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/02/25 12:17	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/31/24 13:04	01/02/25 12:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/31/24 13:04	01/02/25 12:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/31/24 13:04	01/02/25 12:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130	12/31/24 13:04	01/02/25 12:17	1
o-Terphenyl	67	S1-	70 - 130	12/31/24 13:04	01/02/25 12:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	111		10.0		mg/Kg			01/02/25 11:40	1

Client Sample ID: SS 488 @ 1.5' - 2'

Lab Sample ID: 890-7526-7

Date Collected: 12/31/24 11:22

Matrix: Solid

Date Received: 12/31/24 15:30

Sample Depth: 1.5'-2'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/02/25 09:00	01/02/25 13:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/02/25 09:00	01/02/25 13:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/02/25 09:00	01/02/25 13:49	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/02/25 09:00	01/02/25 13:49	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/02/25 09:00	01/02/25 13:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/02/25 09:00	01/02/25 13:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	01/02/25 09:00	01/02/25 13:49	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7526-1
SDG: BUCKEYE

Client Sample ID: SS 488 @ 1.5' - 2'

Lab Sample ID: 890-7526-7

Date Collected: 12/31/24 11:22

Matrix: Solid

Date Received: 12/31/24 15:30

Sample Depth: 1.5'-2'

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	95		70 - 130	01/02/25 09:00	01/02/25 13:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/02/25 13:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	151		49.8		mg/Kg			01/02/25 12:32	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/31/24 13:04	01/02/25 12:32	1
Diesel Range Organics (Over C10-C28)	151		49.8		mg/Kg		12/31/24 13:04	01/02/25 12:32	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/31/24 13:04	01/02/25 12:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/31/24 13:04	01/02/25 12:32	1
o-Terphenyl	76		70 - 130				12/31/24 13:04	01/02/25 12:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	329		10.1		mg/Kg			01/02/25 11:46	1

Surrogate Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7526-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-7526-1	SS 424 @ 1.5' - 2'	109	99
890-7526-1 MS	SS 424 @ 1.5' - 2'	99	99
890-7526-1 MSD	SS 424 @ 1.5' - 2'	106	103
890-7526-2	SS 398 @ 1.5' - 2'	117	102
890-7526-3	SS 379 @ 1.5' - 2'	111	98
890-7526-4	SS 288 @ 1.5' - 2'	111	99
890-7526-5	SS 393 @ 1.5' - 2'	111	100
890-7526-6	SS 497 @ 1.5' - 2'	108	100
890-7526-7	SS 488 @ 1.5' - 2'	111	95
LCS 880-99268/1-A	Lab Control Sample	102	100
LCSD 880-99268/2-A	Lab Control Sample Dup	98	99
MB 880-99268/5-A	Method Blank	105	96
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7526-1	SS 424 @ 1.5' - 2'	86	86
890-7526-2	SS 398 @ 1.5' - 2'	78	76
890-7526-3	SS 379 @ 1.5' - 2'	75	74
890-7526-4	SS 288 @ 1.5' - 2'	79	80
890-7526-5	SS 393 @ 1.5' - 2'	69 S1-	67 S1-
890-7526-6	SS 497 @ 1.5' - 2'	70	67 S1-
890-7526-7	SS 488 @ 1.5' - 2'	75	76
LCS 880-98970/2-A	Lab Control Sample	118	108
LCS 880-99191/2-A	Lab Control Sample	111	101
LCSD 880-98970/3-A	Lab Control Sample Dup	128	118
LCSD 880-99191/3-A	Lab Control Sample Dup	115	103
MB 880-98970/1-A	Method Blank	92	91
MB 880-99191/1-A	Method Blank	92	99
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7526-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-99268/5-A

Matrix: Solid

Analysis Batch: 99256

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 99268

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/02/25 09:00	01/02/25 11:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/02/25 09:00	01/02/25 11:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/02/25 09:00	01/02/25 11:24	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/02/25 09:00	01/02/25 11:24	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/02/25 09:00	01/02/25 11:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/02/25 09:00	01/02/25 11:24	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	01/02/25 09:00	01/02/25 11:24	1
1,4-Difluorobenzene (Surr)	96		70 - 130	01/02/25 09:00	01/02/25 11:24	1

Lab Sample ID: LCS 880-99268/1-A

Matrix: Solid

Analysis Batch: 99256

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 99268

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08217		mg/Kg		82	70 - 130
Ethylbenzene	0.100	0.07852		mg/Kg		79	70 - 130
Toluene	0.100	0.08240		mg/Kg		82	70 - 130
m-Xylene & p-Xylene	0.200	0.1664		mg/Kg		83	70 - 130
o-Xylene	0.100	0.08377		mg/Kg		84	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-99268/2-A

Matrix: Solid

Analysis Batch: 99256

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 99268

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1047		mg/Kg		105	70 - 130	24	35
Ethylbenzene	0.100	0.1014		mg/Kg		101	70 - 130	25	35
Toluene	0.100	0.1061		mg/Kg		106	70 - 130	25	35
m-Xylene & p-Xylene	0.200	0.2129		mg/Kg		106	70 - 130	25	35
o-Xylene	0.100	0.1050		mg/Kg		105	70 - 130	23	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 890-7526-1 MS

Matrix: Solid

Analysis Batch: 99256

Client Sample ID: SS 424 @ 1.5' - 2'

Prep Type: Total/NA

Prep Batch: 99268

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.0998	0.09940		mg/Kg		100	70 - 130
Ethylbenzene	<0.00201	U	0.0998	0.09176		mg/Kg		92	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7526-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-7526-1 MS

Matrix: Solid

Analysis Batch: 99256

Client Sample ID: SS 424 @ 1.5' - 2'

Prep Type: Total/NA

Prep Batch: 99268

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	<0.00201	U	0.0998	0.09992		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1912		mg/Kg		96	70 - 130
o-Xylene	<0.00201	U	0.0998	0.09411		mg/Kg		94	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 890-7526-1 MSD

Matrix: Solid

Analysis Batch: 99256

Client Sample ID: SS 424 @ 1.5' - 2'

Prep Type: Total/NA

Prep Batch: 99268

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0990	0.1006		mg/Kg		102	70 - 130	1	35
Ethylbenzene	<0.00201	U	0.0990	0.09011		mg/Kg		91	70 - 130	2	35
Toluene	<0.00201	U	0.0990	0.09872		mg/Kg		100	70 - 130	1	35
m-Xylene & p-Xylene	<0.00402	U	0.198	0.1913		mg/Kg		97	70 - 130	0	35
o-Xylene	<0.00201	U	0.0990	0.09158		mg/Kg		92	70 - 130	3	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-98970/1-A

Matrix: Solid

Analysis Batch: 99294

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98970

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/27/24 14:33	01/02/25 09:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/27/24 14:33	01/02/25 09:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/27/24 14:33	01/02/25 09:40	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	12/27/24 14:33	01/02/25 09:40	1
o-Terphenyl	91		70 - 130	12/27/24 14:33	01/02/25 09:40	1

Lab Sample ID: LCS 880-98970/2-A

Matrix: Solid

Analysis Batch: 99294

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98970

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	963.1		mg/Kg		96	70 - 130
Diesel Range Organics (Over C10-C28)	1000	991.1		mg/Kg		99	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7526-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98970/2-A

Matrix: Solid

Analysis Batch: 99294

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98970

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	118		70 - 130
o-Terphenyl	108		70 - 130

Lab Sample ID: LCSD 880-98970/3-A

Matrix: Solid

Analysis Batch: 99294

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98970

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1087		mg/Kg		109	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	1000	1078		mg/Kg		108	70 - 130	8	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	128		70 - 130
o-Terphenyl	118		70 - 130

Lab Sample ID: MB 880-99191/1-A

Matrix: Solid

Analysis Batch: 99296

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 99191

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/31/24 13:04	01/02/25 09:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/31/24 13:04	01/02/25 09:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/31/24 13:04	01/02/25 09:40	1

	MB	MB		Prepared	Analyzed	Dil Fac
Surrogate	%Recovery	Qualifier	Limits			
1-Chlorooctane	92		70 - 130	12/31/24 13:04	01/02/25 09:40	1
o-Terphenyl	99		70 - 130	12/31/24 13:04	01/02/25 09:40	1

Lab Sample ID: LCS 880-99191/2-A

Matrix: Solid

Analysis Batch: 99296

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 99191

	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	932.2		mg/Kg		93	70 - 130
Diesel Range Organics (Over C10-C28)	1000	949.1		mg/Kg		95	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	111		70 - 130
o-Terphenyl	101		70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7526-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-99191/3-A

Matrix: Solid

Analysis Batch: 99296

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 99191

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	932.7		mg/Kg		93	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	965.7		mg/Kg		97	70 - 130	2	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	115		70 - 130						
o-Terphenyl	103		70 - 130						

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-99275/1-A

Matrix: Solid

Analysis Batch: 99276

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			01/02/25 10:29	1

Lab Sample ID: LCS 880-99275/2-A

Matrix: Solid

Analysis Batch: 99276

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	232.4		mg/Kg		93	90 - 110		

Lab Sample ID: LCSD 880-99275/3-A

Matrix: Solid

Analysis Batch: 99276

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	234.3		mg/Kg		94	90 - 110	1	20

Lab Sample ID: 890-7526-1 MS

Matrix: Solid

Analysis Batch: 99276

Client Sample ID: SS 424 @ 1.5' - 2'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	262	F1	251	546.0	F1	mg/Kg		114	90 - 110		

Lab Sample ID: 890-7526-1 MSD

Matrix: Solid

Analysis Batch: 99276

Client Sample ID: SS 424 @ 1.5' - 2'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	262	F1	251	547.2	F1	mg/Kg		114	90 - 110	0	20

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7526-1
SDG: BUCKEYE

GC VOA

Analysis Batch: 99256

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7526-1	SS 424 @ 1.5' - 2'	Total/NA	Solid	8021B	99268
890-7526-2	SS 398 @ 1.5' - 2'	Total/NA	Solid	8021B	99268
890-7526-3	SS 379 @ 1.5' - 2'	Total/NA	Solid	8021B	99268
890-7526-4	SS 288 @ 1.5' - 2'	Total/NA	Solid	8021B	99268
890-7526-5	SS 393 @ 1.5' - 2'	Total/NA	Solid	8021B	99268
890-7526-6	SS 497 @ 1.5' - 2'	Total/NA	Solid	8021B	99268
890-7526-7	SS 488 @ 1.5' - 2'	Total/NA	Solid	8021B	99268
MB 880-99268/5-A	Method Blank	Total/NA	Solid	8021B	99268
LCS 880-99268/1-A	Lab Control Sample	Total/NA	Solid	8021B	99268
LCSD 880-99268/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	99268
890-7526-1 MS	SS 424 @ 1.5' - 2'	Total/NA	Solid	8021B	99268
890-7526-1 MSD	SS 424 @ 1.5' - 2'	Total/NA	Solid	8021B	99268

Prep Batch: 99268

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7526-1	SS 424 @ 1.5' - 2'	Total/NA	Solid	5035	
890-7526-2	SS 398 @ 1.5' - 2'	Total/NA	Solid	5035	
890-7526-3	SS 379 @ 1.5' - 2'	Total/NA	Solid	5035	
890-7526-4	SS 288 @ 1.5' - 2'	Total/NA	Solid	5035	
890-7526-5	SS 393 @ 1.5' - 2'	Total/NA	Solid	5035	
890-7526-6	SS 497 @ 1.5' - 2'	Total/NA	Solid	5035	
890-7526-7	SS 488 @ 1.5' - 2'	Total/NA	Solid	5035	
MB 880-99268/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-99268/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-99268/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7526-1 MS	SS 424 @ 1.5' - 2'	Total/NA	Solid	5035	
890-7526-1 MSD	SS 424 @ 1.5' - 2'	Total/NA	Solid	5035	

Analysis Batch: 99325

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7526-1	SS 424 @ 1.5' - 2'	Total/NA	Solid	Total BTEX	
890-7526-2	SS 398 @ 1.5' - 2'	Total/NA	Solid	Total BTEX	
890-7526-3	SS 379 @ 1.5' - 2'	Total/NA	Solid	Total BTEX	
890-7526-4	SS 288 @ 1.5' - 2'	Total/NA	Solid	Total BTEX	
890-7526-5	SS 393 @ 1.5' - 2'	Total/NA	Solid	Total BTEX	
890-7526-6	SS 497 @ 1.5' - 2'	Total/NA	Solid	Total BTEX	
890-7526-7	SS 488 @ 1.5' - 2'	Total/NA	Solid	Total BTEX	

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Prep Batch: 98970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7526-1	SS 424 @ 1.5' - 2'	Total/NA	Solid	8015NM Prep	
890-7526-2	SS 398 @ 1.5' - 2'	Total/NA	Solid	8015NM Prep	
890-7526-3	SS 379 @ 1.5' - 2'	Total/NA	Solid	8015NM Prep	
890-7526-4	SS 288 @ 1.5' - 2'	Total/NA	Solid	8015NM Prep	
MB 880-98970/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98970/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98970/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7526-1
SDG: BUCKEYE

GC Semi VOA

Prep Batch: 99191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7526-5	SS 393 @ 1.5' - 2'	Total/NA	Solid	8015NM Prep	
890-7526-6	SS 497 @ 1.5' - 2'	Total/NA	Solid	8015NM Prep	
890-7526-7	SS 488 @ 1.5' - 2'	Total/NA	Solid	8015NM Prep	
MB 880-99191/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-99191/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-99191/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 99294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7526-1	SS 424 @ 1.5' - 2'	Total/NA	Solid	8015B NM	98970
890-7526-2	SS 398 @ 1.5' - 2'	Total/NA	Solid	8015B NM	98970
890-7526-3	SS 379 @ 1.5' - 2'	Total/NA	Solid	8015B NM	98970
890-7526-4	SS 288 @ 1.5' - 2'	Total/NA	Solid	8015B NM	98970
MB 880-98970/1-A	Method Blank	Total/NA	Solid	8015B NM	98970
LCS 880-98970/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98970
LCSD 880-98970/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98970

Analysis Batch: 99296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7526-5	SS 393 @ 1.5' - 2'	Total/NA	Solid	8015B NM	99191
890-7526-6	SS 497 @ 1.5' - 2'	Total/NA	Solid	8015B NM	99191
890-7526-7	SS 488 @ 1.5' - 2'	Total/NA	Solid	8015B NM	99191
MB 880-99191/1-A	Method Blank	Total/NA	Solid	8015B NM	99191
LCS 880-99191/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	99191
LCSD 880-99191/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	99191

Analysis Batch: 99322

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7526-1	SS 424 @ 1.5' - 2'	Total/NA	Solid	8015 NM	
890-7526-2	SS 398 @ 1.5' - 2'	Total/NA	Solid	8015 NM	
890-7526-3	SS 379 @ 1.5' - 2'	Total/NA	Solid	8015 NM	
890-7526-4	SS 288 @ 1.5' - 2'	Total/NA	Solid	8015 NM	
890-7526-5	SS 393 @ 1.5' - 2'	Total/NA	Solid	8015 NM	
890-7526-6	SS 497 @ 1.5' - 2'	Total/NA	Solid	8015 NM	
890-7526-7	SS 488 @ 1.5' - 2'	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 99275

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7526-1	SS 424 @ 1.5' - 2'	Soluble	Solid	DI Leach	
890-7526-2	SS 398 @ 1.5' - 2'	Soluble	Solid	DI Leach	
890-7526-3	SS 379 @ 1.5' - 2'	Soluble	Solid	DI Leach	
890-7526-4	SS 288 @ 1.5' - 2'	Soluble	Solid	DI Leach	
890-7526-5	SS 393 @ 1.5' - 2'	Soluble	Solid	DI Leach	
890-7526-6	SS 497 @ 1.5' - 2'	Soluble	Solid	DI Leach	
890-7526-7	SS 488 @ 1.5' - 2'	Soluble	Solid	DI Leach	
MB 880-99275/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-99275/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-99275/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7526-1 MS	SS 424 @ 1.5' - 2'	Soluble	Solid	DI Leach	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7526-1
SDG: BUCKEYE

HPLC/IC (Continued)

Leach Batch: 99275 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7526-1 MSD	SS 424 @ 1.5' - 2'	Soluble	Solid	DI Leach	

Analysis Batch: 99276

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7526-1	SS 424 @ 1.5' - 2'	Soluble	Solid	300.0	99275
890-7526-2	SS 398 @ 1.5' - 2'	Soluble	Solid	300.0	99275
890-7526-3	SS 379 @ 1.5' - 2'	Soluble	Solid	300.0	99275
890-7526-4	SS 288 @ 1.5' - 2'	Soluble	Solid	300.0	99275
890-7526-5	SS 393 @ 1.5' - 2'	Soluble	Solid	300.0	99275
890-7526-6	SS 497 @ 1.5' - 2'	Soluble	Solid	300.0	99275
890-7526-7	SS 488 @ 1.5' - 2'	Soluble	Solid	300.0	99275
MB 880-99275/1-A	Method Blank	Soluble	Solid	300.0	99275
LCS 880-99275/2-A	Lab Control Sample	Soluble	Solid	300.0	99275
LCSD 880-99275/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	99275
890-7526-1 MS	SS 424 @ 1.5' - 2'	Soluble	Solid	300.0	99275
890-7526-1 MSD	SS 424 @ 1.5' - 2'	Soluble	Solid	300.0	99275

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7526-1
SDG: BUCKEYE

Client Sample ID: SS 424 @ 1.5' - 2'

Lab Sample ID: 890-7526-1

Date Collected: 12/31/24 08:28

Matrix: Solid

Date Received: 12/31/24 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			99268	MNR	EET MID	01/02/25 09:00
Total/NA	Analysis	8021B		1	99256	MNR	EET MID	01/02/25 11:46
Total/NA	Analysis	Total BTEX		1	99325	SM	EET MID	01/02/25 11:46
Total/NA	Analysis	8015 NM		1	99322	SM	EET MID	01/02/25 12:03
Total/NA	Prep	8015NM Prep			98970	EL	EET MID	12/27/24 14:33
Total/NA	Analysis	8015B NM		1	99294	TKC	EET MID	01/02/25 12:03
Soluble	Leach	DI Leach			99275	SA	EET MID	01/02/25 09:32
Soluble	Analysis	300.0		1	99276	SMC	EET MID	01/02/25 10:47

Client Sample ID: SS 398 @ 1.5' - 2'

Lab Sample ID: 890-7526-2

Date Collected: 12/31/24 08:32

Matrix: Solid

Date Received: 12/31/24 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			99268	MNR	EET MID	01/02/25 09:00
Total/NA	Analysis	8021B		1	99256	MNR	EET MID	01/02/25 12:06
Total/NA	Analysis	Total BTEX		1	99325	SM	EET MID	01/02/25 12:06
Total/NA	Analysis	8015 NM		1	99322	SM	EET MID	01/02/25 12:17
Total/NA	Prep	8015NM Prep			98970	EL	EET MID	12/27/24 14:33
Total/NA	Analysis	8015B NM		1	99294	TKC	EET MID	01/02/25 12:17
Soluble	Leach	DI Leach			99275	SA	EET MID	01/02/25 09:32
Soluble	Analysis	300.0		1	99276	SMC	EET MID	01/02/25 11:05

Client Sample ID: SS 379 @ 1.5' - 2'

Lab Sample ID: 890-7526-3

Date Collected: 12/31/24 08:39

Matrix: Solid

Date Received: 12/31/24 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			99268	MNR	EET MID	01/02/25 09:00
Total/NA	Analysis	8021B		1	99256	MNR	EET MID	01/02/25 12:27
Total/NA	Analysis	Total BTEX		1	99325	SM	EET MID	01/02/25 12:27
Total/NA	Analysis	8015 NM		1	99322	SM	EET MID	01/02/25 12:32
Total/NA	Prep	8015NM Prep			98970	EL	EET MID	12/27/24 14:33
Total/NA	Analysis	8015B NM		1	99294	TKC	EET MID	01/02/25 12:32
Soluble	Leach	DI Leach			99275	SA	EET MID	01/02/25 09:32
Soluble	Analysis	300.0		1	99276	SMC	EET MID	01/02/25 11:11

Client Sample ID: SS 288 @ 1.5' - 2'

Lab Sample ID: 890-7526-4

Date Collected: 12/31/24 08:43

Matrix: Solid

Date Received: 12/31/24 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			99268	MNR	EET MID	01/02/25 09:00
Total/NA	Analysis	8021B		1	99256	MNR	EET MID	01/02/25 12:47
Total/NA	Analysis	Total BTEX		1	99325	SM	EET MID	01/02/25 12:47

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7526-1
SDG: BUCKEYE

Client Sample ID: SS 288 @ 1.5' - 2'**Lab Sample ID: 890-7526-4****Date Collected: 12/31/24 08:43****Matrix: Solid****Date Received: 12/31/24 15:30**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	99322	SM	EET MID	01/02/25 12:48
Total/NA	Prep	8015NM Prep			98970	EL	EET MID	12/27/24 14:33
Total/NA	Analysis	8015B NM		1	99294	TKC	EET MID	01/02/25 12:48
Soluble	Leach	DI Leach			99275	SA	EET MID	01/02/25 09:32
Soluble	Analysis	300.0		1	99276	SMC	EET MID	01/02/25 11:17

Client Sample ID: SS 393 @ 1.5' - 2'**Lab Sample ID: 890-7526-5****Date Collected: 12/31/24 08:46****Matrix: Solid****Date Received: 12/31/24 15:30**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			99268	MNR	EET MID	01/02/25 09:00
Total/NA	Analysis	8021B		1	99256	MNR	EET MID	01/02/25 13:08
Total/NA	Analysis	Total BTEX		1	99325	SM	EET MID	01/02/25 13:08
Total/NA	Analysis	8015 NM		1	99322	SM	EET MID	01/02/25 12:03
Total/NA	Prep	8015NM Prep			99191	EL	EET MID	12/31/24 13:04
Total/NA	Analysis	8015B NM		1	99296	TKC	EET MID	01/02/25 12:03
Soluble	Leach	DI Leach			99275	SA	EET MID	01/02/25 09:32
Soluble	Analysis	300.0		1	99276	SMC	EET MID	01/02/25 11:22

Client Sample ID: SS 497 @ 1.5' - 2'**Lab Sample ID: 890-7526-6****Date Collected: 12/31/24 11:19****Matrix: Solid****Date Received: 12/31/24 15:30**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			99268	MNR	EET MID	01/02/25 09:00
Total/NA	Analysis	8021B		1	99256	MNR	EET MID	01/02/25 13:28
Total/NA	Analysis	Total BTEX		1	99325	SM	EET MID	01/02/25 13:28
Total/NA	Analysis	8015 NM		1	99322	SM	EET MID	01/02/25 12:17
Total/NA	Prep	8015NM Prep			99191	EL	EET MID	12/31/24 13:04
Total/NA	Analysis	8015B NM		1	99296	TKC	EET MID	01/02/25 12:17
Soluble	Leach	DI Leach			99275	SA	EET MID	01/02/25 09:32
Soluble	Analysis	300.0		1	99276	SMC	EET MID	01/02/25 11:40

Client Sample ID: SS 488 @ 1.5' - 2'**Lab Sample ID: 890-7526-7****Date Collected: 12/31/24 11:22****Matrix: Solid****Date Received: 12/31/24 15:30**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			99268	MNR	EET MID	01/02/25 09:00
Total/NA	Analysis	8021B		1	99256	MNR	EET MID	01/02/25 13:49
Total/NA	Analysis	Total BTEX		1	99325	SM	EET MID	01/02/25 13:49
Total/NA	Analysis	8015 NM		1	99322	SM	EET MID	01/02/25 12:32
Total/NA	Prep	8015NM Prep			99191	EL	EET MID	12/31/24 13:04
Total/NA	Analysis	8015B NM		1	99296	TKC	EET MID	01/02/25 12:32

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7526-1
SDG: BUCKEYE

Client Sample ID: SS 488 @ 1.5' - 2'
Date Collected: 12/31/24 11:22
Date Received: 12/31/24 15:30

Lab Sample ID: 890-7526-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			99275	SA	EET MID	01/02/25 09:32
Soluble	Analysis	300.0		1	99276	SMC	EET MID	01/02/25 11:46

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7526-1
SDG: BUCKEYE

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7526-1
SDG: BUCKEYE

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7526-1
SDG: BUCKEYE

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7526-1	SS 424 @ 1.5' - 2'	Solid	12/31/24 08:28	12/31/24 15:30	1.5'-2'
890-7526-2	SS 398 @ 1.5' - 2'	Solid	12/31/24 08:32	12/31/24 15:30	1.5'-2'
890-7526-3	SS 379 @ 1.5' - 2'	Solid	12/31/24 08:39	12/31/24 15:30	1.5'-2'
890-7526-4	SS 288 @ 1.5' - 2'	Solid	12/31/24 08:43	12/31/24 15:30	1.5'-2'
890-7526-5	SS 393 @ 1.5' - 2'	Solid	12/31/24 08:46	12/31/24 15:30	1.5'-2'
890-7526-6	SS 497 @ 1.5' - 2'	Solid	12/31/24 11:19	12/31/24 15:30	1.5'-2'
890-7526-7	SS 488 @ 1.5' - 2'	Solid	12/31/24 11:22	12/31/24 15:30	1.5'-2'

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Environment Testing

Houston, TX (281) 240-4200, Dallas, TX (214) 802-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-0600

Chain of Custody

Work Order No:

Page 7 of 7

Project Manager:	Michael Wicker	Bill to: (if different)	CDH Consulting
Company Name:	Lario Oil & Gas	Company Name:	
Address:		Address:	
City, State ZIP:		City, State ZIP:	
Phone:	606-970-8459	Email:	mwicker@cdhconsult.com

Work Order Comments	
Program:	UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:	
Reporting:	Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables:	EDD ☐ ADAPT ☐ Other:

Project Name:				Class Encounters, 301H				Turn Around		Pres. Code		ANALYSIS REQUEST										Preservative Codes			
Project Number:								☐ Routine ☒ Rush														None: NO DI Water: H ₂ O			
Project Location:				Buckeye NW				Due Date:		1-2-2005												Cool: Cool MeOH: Me			
Sampler's Name:				Dakotah Crest				TAT starts the day received by the lab, if received by 4:30pm														HCL: HC HNO ₃			
PO #:																						H ₂ SO ₄ : H ₂ NaOH: Na			
SAMPLE RECEIPT				Temp Blank:		Yes No		Wet Ice:		Yes No												H ₃ PO ₄ : HP			
Samples Received Intact:				Yes No				Thermometer ID:														NaHSO ₄ : NABIS			
Cooler Custody Seals:				Yes No		N/A		Correction Factor:		-0.2												Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:				Yes No		N/A		Temperature Reading:		2.4												Zn Acetate+NaOH: Zn			
Total Containers:								Corrected Temperature:		2.2												NaOH+Ascorbic Acid: SASC			

[illegible]

Total 200.7/0010		200.8/0020		SAC BA 132001		TOWS TT 24		Se Ae Ba Be B Cd Ce Cr Co Cu Pb Mn Mo Ni Se Ag Ti U		Hg: 1631 / 245.1 / 7470 / 7471	
Circle Method(s) and Metal(s) to be analyzed											
TCLP / SPLP 6010: 8RCRA Sp As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U											
(Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5.00 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be entered unless previously negotiated.)											
Relinquished by: (Signature)		Received by: (Signature)		Date/Time		Relinquished by: (Signature)		Received by: (Signature)		Date/Time	
1. <i>Patrick Geth</i>		<i>ESUR</i>		12/31 1530							
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5					6						

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7526-1

SDG Number: BUCKEYE

Login Number: 7526

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7526-1

SDG Number: BUCKEYE

Login Number: 7526

List Number: 2

Creator: Vasquez, Julisa

List Source: Eurofins Midland

List Creation: 01/02/25 08:22 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Michael Wicker
CDH Consulting
9446 Clermont St,
Thornton, Colorado 80229

Generated 1/6/2025 2:33:43 PM

JOB DESCRIPTION

CLOSE ENCOUNTERS 301 H
BUCKEYE

JOB NUMBER

890-7530-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

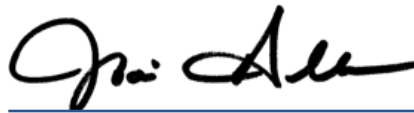
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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1/6/2025 2:33:43 PM

Authorized for release by
Jodi Allen, Project Manager I
Jodi.Allen@et.eurofinsus.com
(281)520-2865

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Laboratory Job ID: 890-7530-1
SDG: BUCKEYE

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Definitions/Glossary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7530-1
SDG: BUCKEYE

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTERS 301 H

Job ID: 890-7530-1

Job ID: 890-7530-1

Eurofins Carlsbad

Job Narrative 890-7530-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 1/3/2025 3:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS 481 @ 1.5' - 2' (890-7530-1), SS 506 @ 1.5' - 2' (890-7530-2), SS 410 @ 1.5' - 2' (890-7530-3), SS 609 @ 1.5' - 2' (890-7530-4), SS 606 @ 1.5' - 2' (890-7530-5), SS 604 @ 1.5' - 2' (890-7530-6), SS 591 @ 1.5' - 2' (890-7530-7), SS 320 @ 1.5' - 2' (890-7530-8), SS 308 @ 1.5' - 2' (890-7530-9) and SS 321 @ 1.5' - 2' (890-7530-10).

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-99555 and analytical batch 880-99516 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10 and Diesel Range Organics (Over C10-C28).

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: SS 604 @ 1.5' - 2' (890-7530-6) and SS 320 @ 1.5' - 2' (890-7530-8). Percent recoveries are based on the amount spiked.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7530-1
SDG: BUCKEYE

Client Sample ID: SS 481 @ 1.5' - 2'

Lab Sample ID: 890-7530-1

Date Collected: 01/01/25 08:36

Matrix: Solid

Date Received: 01/03/25 15:45

Sample Depth: 1.5' - 2

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/25 08:43	01/06/25 12:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/25 08:43	01/06/25 12:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/25 08:43	01/06/25 12:06	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/06/25 08:43	01/06/25 12:06	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/06/25 08:43	01/06/25 12:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/06/25 08:43	01/06/25 12:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	01/06/25 08:43	01/06/25 12:06	1
1,4-Difluorobenzene (Surr)	102		70 - 130	01/06/25 08:43	01/06/25 12:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/06/25 12:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			01/06/25 13:49	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U *1	50.1		mg/Kg		01/06/25 11:37	01/06/25 13:49	1
Diesel Range Organics (Over C10-C28)	<50.1	U *1	50.1		mg/Kg		01/06/25 11:37	01/06/25 13:49	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/06/25 11:37	01/06/25 13:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130	01/06/25 11:37	01/06/25 13:49	1
o-Terphenyl	80		70 - 130	01/06/25 11:37	01/06/25 13:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	116		10.1		mg/Kg			01/06/25 11:08	1

Client Sample ID: SS 506 @ 1.5' - 2'

Lab Sample ID: 890-7530-2

Date Collected: 01/01/25 08:52

Matrix: Solid

Date Received: 01/03/25 15:45

Sample Depth: 1.5' - 2

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/06/25 08:43	01/06/25 12:26	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/06/25 08:43	01/06/25 12:26	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/06/25 08:43	01/06/25 12:26	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/06/25 08:43	01/06/25 12:26	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/06/25 08:43	01/06/25 12:26	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/06/25 08:43	01/06/25 12:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	01/06/25 08:43	01/06/25 12:26	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7530-1
SDG: BUCKEYE

Client Sample ID: SS 506 @ 1.5' - 2'

Lab Sample ID: 890-7530-2

Date Collected: 01/01/25 08:52

Matrix: Solid

Date Received: 01/03/25 15:45

Sample Depth: 1.5' - 2

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	101		70 - 130	01/06/25 08:43	01/06/25 12:26	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/06/25 12:26	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			01/06/25 14:04	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U *1	49.7		mg/Kg		01/06/25 11:37	01/06/25 14:04	1
Diesel Range Organics (Over C10-C28)	<49.7	U *1	49.7		mg/Kg		01/06/25 11:37	01/06/25 14:04	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/06/25 11:37	01/06/25 14:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				01/06/25 11:37	01/06/25 14:04	1
o-Terphenyl	78		70 - 130				01/06/25 11:37	01/06/25 14:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	216		10.1		mg/Kg			01/06/25 11:25	1

Client Sample ID: SS 410 @ 1.5' - 2'

Lab Sample ID: 890-7530-3

Date Collected: 01/01/25 09:34

Matrix: Solid

Date Received: 01/03/25 15:45

Sample Depth: 1.5' - 2

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/06/25 08:43	01/06/25 12:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/06/25 08:43	01/06/25 12:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/06/25 08:43	01/06/25 12:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/06/25 08:43	01/06/25 12:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/06/25 08:43	01/06/25 12:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/06/25 08:43	01/06/25 12:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				01/06/25 08:43	01/06/25 12:46	1
1,4-Difluorobenzene (Surr)	99		70 - 130				01/06/25 08:43	01/06/25 12:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/06/25 12:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/06/25 13:06	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7530-1
SDG: BUCKEYE

Client Sample ID: SS 410 @ 1.5' - 2'

Lab Sample ID: 890-7530-3

Date Collected: 01/01/25 09:34

Matrix: Solid

Date Received: 01/03/25 15:45

Sample Depth: 1.5' - 2

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		01/06/25 11:37	01/06/25 13:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		01/06/25 11:37	01/06/25 13:06	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/06/25 11:37	01/06/25 13:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				01/06/25 11:37	01/06/25 13:06	1
o-Terphenyl	78		70 - 130				01/06/25 11:37	01/06/25 13:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	91.6		9.92		mg/Kg			01/06/25 11:31	1

Client Sample ID: SS 609 @ 1.5' - 2'

Lab Sample ID: 890-7530-4

Date Collected: 01/01/25 13:10

Matrix: Solid

Date Received: 01/03/25 15:45

Sample Depth: 1.5' - 2

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/25 08:43	01/06/25 13:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/25 08:43	01/06/25 13:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/25 08:43	01/06/25 13:07	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/06/25 08:43	01/06/25 13:07	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/06/25 08:43	01/06/25 13:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/06/25 08:43	01/06/25 13:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				01/06/25 08:43	01/06/25 13:07	1
1,4-Difluorobenzene (Surr)	102		70 - 130				01/06/25 08:43	01/06/25 13:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/06/25 13:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	72.8		49.9		mg/Kg			01/06/25 14:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		01/06/25 11:37	01/06/25 14:18	1
Diesel Range Organics (Over C10-C28)	72.8	*1	49.9		mg/Kg		01/06/25 11:37	01/06/25 14:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/06/25 11:37	01/06/25 14:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				01/06/25 11:37	01/06/25 14:18	1
o-Terphenyl	79		70 - 130				01/06/25 11:37	01/06/25 14:18	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7530-1
SDG: BUCKEYE

Client Sample ID: SS 609 @ 1.5' - 2'

Lab Sample ID: 890-7530-4

Date Collected: 01/01/25 13:10

Matrix: Solid

Date Received: 01/03/25 15:45

Sample Depth: 1.5' - 2

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	122		9.90		mg/Kg			01/06/25 11:37	1

Client Sample ID: SS 606 @ 1.5' - 2'

Lab Sample ID: 890-7530-5

Date Collected: 01/02/25 13:20

Matrix: Solid

Date Received: 01/03/25 15:45

Sample Depth: 1.5' - 2

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/06/25 08:43	01/06/25 13:27	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/06/25 08:43	01/06/25 13:27	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/06/25 08:43	01/06/25 13:27	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/06/25 08:43	01/06/25 13:27	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/06/25 08:43	01/06/25 13:27	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/06/25 08:43	01/06/25 13:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				01/06/25 08:43	01/06/25 13:27	1
1,4-Difluorobenzene (Surr)	105		70 - 130				01/06/25 08:43	01/06/25 13:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/06/25 13:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/06/25 14:33	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		01/06/25 11:37	01/06/25 14:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		01/06/25 11:37	01/06/25 14:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/06/25 11:37	01/06/25 14:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				01/06/25 11:37	01/06/25 14:33	1
o-Terphenyl	73		70 - 130				01/06/25 11:37	01/06/25 14:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	95.1		9.98		mg/Kg			01/06/25 11:42	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7530-1
SDG: BUCKEYE

Client Sample ID: SS 604 @ 1.5' - 2'

Lab Sample ID: 890-7530-6

Date Collected: 01/02/25 13:32

Matrix: Solid

Date Received: 01/03/25 15:45

Sample Depth: 1.5' - 2

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/25 08:43	01/06/25 13:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/25 08:43	01/06/25 13:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/25 08:43	01/06/25 13:48	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/06/25 08:43	01/06/25 13:48	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/06/25 08:43	01/06/25 13:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/06/25 08:43	01/06/25 13:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	01/06/25 08:43	01/06/25 13:48	1
1,4-Difluorobenzene (Surr)	104		70 - 130	01/06/25 08:43	01/06/25 13:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/06/25 13:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/06/25 13:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/06/25 11:41	01/06/25 13:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/06/25 11:41	01/06/25 13:06	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/06/25 11:41	01/06/25 13:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130	01/06/25 11:41	01/06/25 13:06	1
o-Terphenyl	66	S1-	70 - 130	01/06/25 11:41	01/06/25 13:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	84.4		9.96		mg/Kg			01/06/25 11:59	1

Client Sample ID: SS 591 @ 1.5' - 2'

Lab Sample ID: 890-7530-7

Date Collected: 01/02/25 13:57

Matrix: Solid

Date Received: 01/03/25 15:45

Sample Depth: 1.5' - 2

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/06/25 08:43	01/06/25 14:08	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/06/25 08:43	01/06/25 14:08	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/06/25 08:43	01/06/25 14:08	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/06/25 08:43	01/06/25 14:08	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/06/25 08:43	01/06/25 14:08	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/06/25 08:43	01/06/25 14:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	01/06/25 08:43	01/06/25 14:08	1

Eurofins Carlsbad

Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7530-1
SDG: BUCKEYE

Client Sample ID: SS 591 @ 1.5' - 2'

Lab Sample ID: 890-7530-7

Date Collected: 01/02/25 13:57

Matrix: Solid

Date Received: 01/03/25 15:45

Sample Depth: 1.5' - 2

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	98		70 - 130	01/06/25 08:43	01/06/25 14:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/06/25 14:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			01/06/25 13:49	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/06/25 11:41	01/06/25 13:49	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/06/25 11:41	01/06/25 13:49	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/06/25 11:41	01/06/25 13:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				01/06/25 11:41	01/06/25 13:49	1
o-Terphenyl	70		70 - 130				01/06/25 11:41	01/06/25 13:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	50.9		9.90		mg/Kg			01/06/25 12:05	1

Client Sample ID: SS 320 @ 1.5' - 2'

Lab Sample ID: 890-7530-8

Date Collected: 01/03/25 09:36

Matrix: Solid

Date Received: 01/03/25 15:45

Sample Depth: 1.5' - 2

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		01/06/25 08:43	01/06/25 14:28	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/06/25 08:43	01/06/25 14:28	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/06/25 08:43	01/06/25 14:28	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/06/25 08:43	01/06/25 14:28	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		01/06/25 08:43	01/06/25 14:28	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/06/25 08:43	01/06/25 14:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	01/06/25 08:43	01/06/25 14:28	1
1,4-Difluorobenzene (Surr)	101		70 - 130	01/06/25 08:43	01/06/25 14:28	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			01/06/25 14:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			01/06/25 14:04	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7530-1
SDG: BUCKEYE

Client Sample ID: SS 320 @ 1.5' - 2'

Lab Sample ID: 890-7530-8

Date Collected: 01/03/25 09:36

Matrix: Solid

Date Received: 01/03/25 15:45

Sample Depth: 1.5' - 2

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		01/06/25 11:41	01/06/25 14:04	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/06/25 11:41	01/06/25 14:04	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/06/25 11:41	01/06/25 14:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	65	S1-	70 - 130				01/06/25 11:41	01/06/25 14:04	1
o-Terphenyl	63	S1-	70 - 130				01/06/25 11:41	01/06/25 14:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	399		10.1		mg/Kg			01/06/25 12:11	1

Client Sample ID: SS 308 @ 1.5' - 2'

Lab Sample ID: 890-7530-9

Date Collected: 01/03/25 09:40

Matrix: Solid

Date Received: 01/03/25 15:45

Sample Depth: 1.5' - 2

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/06/25 08:43	01/06/25 14:49	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/06/25 08:43	01/06/25 14:49	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/06/25 08:43	01/06/25 14:49	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/06/25 08:43	01/06/25 14:49	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/06/25 08:43	01/06/25 14:49	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/06/25 08:43	01/06/25 14:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				01/06/25 08:43	01/06/25 14:49	1
1,4-Difluorobenzene (Surr)	100		70 - 130				01/06/25 08:43	01/06/25 14:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			01/06/25 14:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			01/06/25 14:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		01/06/25 11:41	01/06/25 14:18	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		01/06/25 11:41	01/06/25 14:18	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		01/06/25 11:41	01/06/25 14:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130				01/06/25 11:41	01/06/25 14:18	1
o-Terphenyl	70		70 - 130				01/06/25 11:41	01/06/25 14:18	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7530-1
SDG: BUCKEYE

Client Sample ID: SS 308 @ 1.5' - 2'

Lab Sample ID: 890-7530-9

Date Collected: 01/03/25 09:40

Matrix: Solid

Date Received: 01/03/25 15:45

Sample Depth: 1.5' - 2

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	275		9.94		mg/Kg			01/06/25 12:16	1

Client Sample ID: SS 321 @ 1.5' - 2'

Lab Sample ID: 890-7530-10

Date Collected: 01/03/25 10:47

Matrix: Solid

Date Received: 01/03/25 15:45

Sample Depth: 1.5' - 2

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/25 08:43	01/06/25 15:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/25 08:43	01/06/25 15:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/25 08:43	01/06/25 15:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/06/25 08:43	01/06/25 15:09	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/06/25 08:43	01/06/25 15:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/06/25 08:43	01/06/25 15:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				01/06/25 08:43	01/06/25 15:09	1
1,4-Difluorobenzene (Surr)	101		70 - 130				01/06/25 08:43	01/06/25 15:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			01/06/25 15:09	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			01/06/25 14:33	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		01/06/25 11:41	01/06/25 14:33	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/06/25 11:41	01/06/25 14:33	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/06/25 11:41	01/06/25 14:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				01/06/25 11:41	01/06/25 14:33	1
o-Terphenyl	72		70 - 130				01/06/25 11:41	01/06/25 14:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	352		10.0		mg/Kg			01/06/25 12:22	1

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Surrogate Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7530-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	BFB1	DFBZ1				
		(70-130)	(70-130)				
890-7530-1	SS 481 @ 1.5' - 2'	114	102				
890-7530-1 MS	SS 481 @ 1.5' - 2'	111	98				
890-7530-1 MSD	SS 481 @ 1.5' - 2'	113	97				
890-7530-2	SS 506 @ 1.5' - 2'	123	101				
890-7530-3	SS 410 @ 1.5' - 2'	122	99				
890-7530-4	SS 609 @ 1.5' - 2'	114	102				
890-7530-5	SS 606 @ 1.5' - 2'	118	105				
890-7530-6	SS 604 @ 1.5' - 2'	126	104				
890-7530-7	SS 591 @ 1.5' - 2'	113	98				
890-7530-8	SS 320 @ 1.5' - 2'	117	101				
890-7530-9	SS 308 @ 1.5' - 2'	128	100				
890-7530-10	SS 321 @ 1.5' - 2'	118	101				
LCS 880-99492/1-A	Lab Control Sample	109	100				
LCSD 880-99492/2-A	Lab Control Sample Dup	108	98				
MB 880-99492/5-A	Method Blank	109	93				
Surrogate Legend							
BFB = 4-Bromofluorobenzene (Surr)							
DFBZ = 1,4-Difluorobenzene (Surr)							

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	1CO1	OTPH1				
		(70-130)	(70-130)				
890-7530-1	SS 481 @ 1.5' - 2'	78	80				
890-7530-2	SS 506 @ 1.5' - 2'	78	78				
890-7530-3	SS 410 @ 1.5' - 2'	78	78				
890-7530-3 MS	SS 410 @ 1.5' - 2'	83	79				
890-7530-3 MSD	SS 410 @ 1.5' - 2'	82	78				
890-7530-4	SS 609 @ 1.5' - 2'	78	79				
890-7530-5	SS 606 @ 1.5' - 2'	74	73				
890-7530-6	SS 604 @ 1.5' - 2'	68 S1-	66 S1-				
890-7530-6 MS	SS 604 @ 1.5' - 2'	77	71				
890-7530-6 MSD	SS 604 @ 1.5' - 2'	78	71				
890-7530-7	SS 591 @ 1.5' - 2'	70	70				
890-7530-8	SS 320 @ 1.5' - 2'	65 S1-	63 S1-				
890-7530-9	SS 308 @ 1.5' - 2'	71	70				
890-7530-10	SS 321 @ 1.5' - 2'	74	72				
LCS 880-99555/2-A	Lab Control Sample	122	112				
LCS 880-99558/2-A	Lab Control Sample	106	95				
LCSD 880-99555/3-A	Lab Control Sample Dup	90	82				
LCSD 880-99558/3-A	Lab Control Sample Dup	108	98				
MB 880-99555/1-A	Method Blank	124	123				
MB 880-99558/1-A	Method Blank	98	107				
Surrogate Legend							
1CO = 1-Chlorooctane							
OTPH = o-Terphenyl							

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7530-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-99492/5-A

Matrix: Solid

Analysis Batch: 99378

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 99492

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/06/25 08:43	01/06/25 11:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/06/25 08:43	01/06/25 11:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/06/25 08:43	01/06/25 11:44	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/06/25 08:43	01/06/25 11:44	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/06/25 08:43	01/06/25 11:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/06/25 08:43	01/06/25 11:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	01/06/25 08:43	01/06/25 11:44	1
1,4-Difluorobenzene (Surr)	93		70 - 130	01/06/25 08:43	01/06/25 11:44	1

Lab Sample ID: LCS 880-99492/1-A

Matrix: Solid

Analysis Batch: 99378

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 99492

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1100		mg/Kg		110	70 - 130
Ethylbenzene	0.100	0.1074		mg/Kg		107	70 - 130
Toluene	0.100	0.1057		mg/Kg		106	70 - 130
m-Xylene & p-Xylene	0.200	0.2136		mg/Kg		107	70 - 130
o-Xylene	0.100	0.1081		mg/Kg		108	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-99492/2-A

Matrix: Solid

Analysis Batch: 99378

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 99492

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1141		mg/Kg		114	70 - 130	4	35
Ethylbenzene	0.100	0.1122		mg/Kg		112	70 - 130	4	35
Toluene	0.100	0.1098		mg/Kg		110	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.2235		mg/Kg		112	70 - 130	5	35
o-Xylene	0.100	0.1129		mg/Kg		113	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 890-7530-1 MS

Matrix: Solid

Analysis Batch: 99378

Client Sample ID: SS 481 @ 1.5' - 2'

Prep Type: Total/NA

Prep Batch: 99492

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1122		mg/Kg		112	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.1111		mg/Kg		111	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7530-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-7530-1 MS

Matrix: Solid

Analysis Batch: 99378

Client Sample ID: SS 481 @ 1.5' - 2'

Prep Type: Total/NA

Prep Batch: 99492

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	<0.00200	U	0.100	0.1079		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2253		mg/Kg		113	70 - 130
o-Xylene	<0.00200	U	0.100	0.1123		mg/Kg		112	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 890-7530-1 MSD

Matrix: Solid

Analysis Batch: 99378

Client Sample ID: SS 481 @ 1.5' - 2'

Prep Type: Total/NA

Prep Batch: 99492

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1137		mg/Kg		114	70 - 130	1	35
Ethylbenzene	<0.00200	U	0.100	0.1040		mg/Kg		104	70 - 130	7	35
Toluene	<0.00200	U	0.100	0.1057		mg/Kg		106	70 - 130	2	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2093		mg/Kg		105	70 - 130	7	35
o-Xylene	<0.00200	U	0.100	0.1053		mg/Kg		105	70 - 130	6	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-99555/1-A

Matrix: Solid

Analysis Batch: 99516

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 99555

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/06/25 11:36	01/06/25 10:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/06/25 11:36	01/06/25 10:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/06/25 11:36	01/06/25 10:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130	01/06/25 11:36	01/06/25 10:07	1
o-Terphenyl	123		70 - 130	01/06/25 11:36	01/06/25 10:07	1

Lab Sample ID: LCS 880-99555/2-A

Matrix: Solid

Analysis Batch: 99516

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 99555

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	983.8		mg/Kg		98	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1043		mg/Kg		104	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7530-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-99555/2-A

Matrix: Solid

Analysis Batch: 99516

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 99555

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	122		70 - 130
o-Terphenyl	112		70 - 130

Lab Sample ID: LCSD 880-99555/3-A

Matrix: Solid

Analysis Batch: 99516

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 99555

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	748.8	*1	mg/Kg		75	70 - 130	27	20
Diesel Range Organics (Over C10-C28)	1000	768.1	*1	mg/Kg		77	70 - 130	30	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	90		70 - 130
o-Terphenyl	82		70 - 130

Lab Sample ID: 890-7530-3 MS

Matrix: Solid

Analysis Batch: 99516

Client Sample ID: SS 410 @ 1.5' - 2'

Prep Type: Total/NA

Prep Batch: 99555

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	1000	845.5		mg/Kg		84	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U *1	1000	802.5		mg/Kg		80	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	83		70 - 130
o-Terphenyl	79		70 - 130

Lab Sample ID: 890-7530-3 MSD

Matrix: Solid

Analysis Batch: 99516

Client Sample ID: SS 410 @ 1.5' - 2'

Prep Type: Total/NA

Prep Batch: 99555

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	1000	829.9		mg/Kg		83	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U *1	1000	778.2		mg/Kg		78	70 - 130	3	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	82		70 - 130
o-Terphenyl	78		70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7530-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-99558/1-A

Matrix: Solid

Analysis Batch: 99518

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 99558

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/06/25 11:40	01/06/25 10:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/06/25 11:40	01/06/25 10:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/06/25 11:40	01/06/25 10:07	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				01/06/25 11:40	01/06/25 10:07	1
o-Terphenyl	107		70 - 130				01/06/25 11:40	01/06/25 10:07	1

Lab Sample ID: LCS 880-99558/2-A

Matrix: Solid

Analysis Batch: 99518

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 99558

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	826.9		mg/Kg		83	70 - 130
Diesel Range Organics (Over C10-C28)	1000	934.1		mg/Kg		93	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	106		70 - 130				
o-Terphenyl	95		70 - 130				

Lab Sample ID: LCSD 880-99558/3-A

Matrix: Solid

Analysis Batch: 99518

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 99558

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	835.0		mg/Kg		84	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	948.2		mg/Kg		95	70 - 130	1	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	108		70 - 130						
o-Terphenyl	98		70 - 130						

Lab Sample ID: 890-7530-6 MS

Matrix: Solid

Analysis Batch: 99518

Client Sample ID: SS 604 @ 1.5' - 2'

Prep Type: Total/NA

Prep Batch: 99558

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	734.8		mg/Kg		73	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	781.6		mg/Kg		78	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7530-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-7530-6 MS

Matrix: Solid

Analysis Batch: 99518

Client Sample ID: SS 604 @ 1.5' - 2'

Prep Type: Total/NA

Prep Batch: 99558

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	77		70 - 130
o-Terphenyl	71		70 - 130

Lab Sample ID: 890-7530-6 MSD

Matrix: Solid

Analysis Batch: 99518

Client Sample ID: SS 604 @ 1.5' - 2'

Prep Type: Total/NA

Prep Batch: 99558

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	745.4		mg/Kg		74	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	783.6		mg/Kg		78	70 - 130	0	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	78		70 - 130								
o-Terphenyl	71		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-99519/1-A

Matrix: Solid

Analysis Batch: 99529

Client Sample ID: Method Blank

Prep Type: Soluble

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	<10.0	U	10.0		mg/Kg			01/06/25 10:51	1	

Lab Sample ID: LCS 880-99519/2-A

Matrix: Solid

Analysis Batch: 99529

Client Sample ID: Lab Control Sample

Prep Type: Soluble

	Spike	LCS	LCS					%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Chloride	250	265.1		mg/Kg		106	90 - 110			

Lab Sample ID: LCSD 880-99519/3-A

Matrix: Solid

Analysis Batch: 99529

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

	Spike	LCSD	LCSD					%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Chloride	250	265.1		mg/Kg		106	90 - 110	0	20	

Lab Sample ID: 890-7530-1 MS

Matrix: Solid

Analysis Batch: 99529

Client Sample ID: SS 481 @ 1.5' - 2'

Prep Type: Soluble

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	116		252	391.2		mg/Kg		109	90 - 110		

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7530-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-7530-1 MSD					Client Sample ID: SS 481 @ 1.5' - 2'							
Matrix: Solid					Prep Type: Soluble							
Analysis Batch: 99529												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	116		252	392.0		mg/Kg		110	90 - 110	0	20	

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7530-1
SDG: BUCKEYE

GC VOA

Analysis Batch: 99378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7530-1	SS 481 @ 1.5' - 2'	Total/NA	Solid	8021B	99492
890-7530-2	SS 506 @ 1.5' - 2'	Total/NA	Solid	8021B	99492
890-7530-3	SS 410 @ 1.5' - 2'	Total/NA	Solid	8021B	99492
890-7530-4	SS 609 @ 1.5' - 2'	Total/NA	Solid	8021B	99492
890-7530-5	SS 606 @ 1.5' - 2'	Total/NA	Solid	8021B	99492
890-7530-6	SS 604 @ 1.5' - 2'	Total/NA	Solid	8021B	99492
890-7530-7	SS 591 @ 1.5' - 2'	Total/NA	Solid	8021B	99492
890-7530-8	SS 320 @ 1.5' - 2'	Total/NA	Solid	8021B	99492
890-7530-9	SS 308 @ 1.5' - 2'	Total/NA	Solid	8021B	99492
890-7530-10	SS 321 @ 1.5' - 2'	Total/NA	Solid	8021B	99492
MB 880-99492/5-A	Method Blank	Total/NA	Solid	8021B	99492
LCS 880-99492/1-A	Lab Control Sample	Total/NA	Solid	8021B	99492
LCSD 880-99492/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	99492
890-7530-1 MS	SS 481 @ 1.5' - 2'	Total/NA	Solid	8021B	99492
890-7530-1 MSD	SS 481 @ 1.5' - 2'	Total/NA	Solid	8021B	99492

Prep Batch: 99492

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7530-1	SS 481 @ 1.5' - 2'	Total/NA	Solid	5035	
890-7530-2	SS 506 @ 1.5' - 2'	Total/NA	Solid	5035	
890-7530-3	SS 410 @ 1.5' - 2'	Total/NA	Solid	5035	
890-7530-4	SS 609 @ 1.5' - 2'	Total/NA	Solid	5035	
890-7530-5	SS 606 @ 1.5' - 2'	Total/NA	Solid	5035	
890-7530-6	SS 604 @ 1.5' - 2'	Total/NA	Solid	5035	
890-7530-7	SS 591 @ 1.5' - 2'	Total/NA	Solid	5035	
890-7530-8	SS 320 @ 1.5' - 2'	Total/NA	Solid	5035	
890-7530-9	SS 308 @ 1.5' - 2'	Total/NA	Solid	5035	
890-7530-10	SS 321 @ 1.5' - 2'	Total/NA	Solid	5035	
MB 880-99492/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-99492/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-99492/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7530-1 MS	SS 481 @ 1.5' - 2'	Total/NA	Solid	5035	
890-7530-1 MSD	SS 481 @ 1.5' - 2'	Total/NA	Solid	5035	

Analysis Batch: 99577

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7530-1	SS 481 @ 1.5' - 2'	Total/NA	Solid	Total BTEX	
890-7530-2	SS 506 @ 1.5' - 2'	Total/NA	Solid	Total BTEX	
890-7530-3	SS 410 @ 1.5' - 2'	Total/NA	Solid	Total BTEX	
890-7530-4	SS 609 @ 1.5' - 2'	Total/NA	Solid	Total BTEX	
890-7530-5	SS 606 @ 1.5' - 2'	Total/NA	Solid	Total BTEX	
890-7530-6	SS 604 @ 1.5' - 2'	Total/NA	Solid	Total BTEX	
890-7530-7	SS 591 @ 1.5' - 2'	Total/NA	Solid	Total BTEX	
890-7530-8	SS 320 @ 1.5' - 2'	Total/NA	Solid	Total BTEX	
890-7530-9	SS 308 @ 1.5' - 2'	Total/NA	Solid	Total BTEX	
890-7530-10	SS 321 @ 1.5' - 2'	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7530-1
SDG: BUCKEYE

GC Semi VOA

Analysis Batch: 99516

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7530-1	SS 481 @ 1.5' - 2'	Total/NA	Solid	8015B NM	99555
890-7530-2	SS 506 @ 1.5' - 2'	Total/NA	Solid	8015B NM	99555
890-7530-3	SS 410 @ 1.5' - 2'	Total/NA	Solid	8015B NM	99555
890-7530-4	SS 609 @ 1.5' - 2'	Total/NA	Solid	8015B NM	99555
890-7530-5	SS 606 @ 1.5' - 2'	Total/NA	Solid	8015B NM	99555
MB 880-99555/1-A	Method Blank	Total/NA	Solid	8015B NM	99555
LCS 880-99555/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	99555
LCSD 880-99555/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	99555
890-7530-3 MS	SS 410 @ 1.5' - 2'	Total/NA	Solid	8015B NM	99555
890-7530-3 MSD	SS 410 @ 1.5' - 2'	Total/NA	Solid	8015B NM	99555

Analysis Batch: 99518

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7530-6	SS 604 @ 1.5' - 2'	Total/NA	Solid	8015B NM	99558
890-7530-7	SS 591 @ 1.5' - 2'	Total/NA	Solid	8015B NM	99558
890-7530-8	SS 320 @ 1.5' - 2'	Total/NA	Solid	8015B NM	99558
890-7530-9	SS 308 @ 1.5' - 2'	Total/NA	Solid	8015B NM	99558
890-7530-10	SS 321 @ 1.5' - 2'	Total/NA	Solid	8015B NM	99558
MB 880-99558/1-A	Method Blank	Total/NA	Solid	8015B NM	99558
LCS 880-99558/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	99558
LCSD 880-99558/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	99558
890-7530-6 MS	SS 604 @ 1.5' - 2'	Total/NA	Solid	8015B NM	99558
890-7530-6 MSD	SS 604 @ 1.5' - 2'	Total/NA	Solid	8015B NM	99558

Prep Batch: 99555

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7530-1	SS 481 @ 1.5' - 2'	Total/NA	Solid	8015NM Prep	
890-7530-2	SS 506 @ 1.5' - 2'	Total/NA	Solid	8015NM Prep	
890-7530-3	SS 410 @ 1.5' - 2'	Total/NA	Solid	8015NM Prep	
890-7530-4	SS 609 @ 1.5' - 2'	Total/NA	Solid	8015NM Prep	
890-7530-5	SS 606 @ 1.5' - 2'	Total/NA	Solid	8015NM Prep	
MB 880-99555/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-99555/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-99555/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7530-3 MS	SS 410 @ 1.5' - 2'	Total/NA	Solid	8015NM Prep	
890-7530-3 MSD	SS 410 @ 1.5' - 2'	Total/NA	Solid	8015NM Prep	

Prep Batch: 99558

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7530-6	SS 604 @ 1.5' - 2'	Total/NA	Solid	8015NM Prep	
890-7530-7	SS 591 @ 1.5' - 2'	Total/NA	Solid	8015NM Prep	
890-7530-8	SS 320 @ 1.5' - 2'	Total/NA	Solid	8015NM Prep	
890-7530-9	SS 308 @ 1.5' - 2'	Total/NA	Solid	8015NM Prep	
890-7530-10	SS 321 @ 1.5' - 2'	Total/NA	Solid	8015NM Prep	
MB 880-99558/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-99558/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-99558/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7530-6 MS	SS 604 @ 1.5' - 2'	Total/NA	Solid	8015NM Prep	
890-7530-6 MSD	SS 604 @ 1.5' - 2'	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7530-1
SDG: BUCKEYE

GC Semi VOA

Analysis Batch: 99578

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7530-1	SS 481 @ 1.5' - 2'	Total/NA	Solid	8015 NM	
890-7530-2	SS 506 @ 1.5' - 2'	Total/NA	Solid	8015 NM	
890-7530-3	SS 410 @ 1.5' - 2'	Total/NA	Solid	8015 NM	
890-7530-4	SS 609 @ 1.5' - 2'	Total/NA	Solid	8015 NM	
890-7530-5	SS 606 @ 1.5' - 2'	Total/NA	Solid	8015 NM	
890-7530-6	SS 604 @ 1.5' - 2'	Total/NA	Solid	8015 NM	
890-7530-7	SS 591 @ 1.5' - 2'	Total/NA	Solid	8015 NM	
890-7530-8	SS 320 @ 1.5' - 2'	Total/NA	Solid	8015 NM	
890-7530-9	SS 308 @ 1.5' - 2'	Total/NA	Solid	8015 NM	
890-7530-10	SS 321 @ 1.5' - 2'	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 99519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7530-1	SS 481 @ 1.5' - 2'	Soluble	Solid	DI Leach	
890-7530-2	SS 506 @ 1.5' - 2'	Soluble	Solid	DI Leach	
890-7530-3	SS 410 @ 1.5' - 2'	Soluble	Solid	DI Leach	
890-7530-4	SS 609 @ 1.5' - 2'	Soluble	Solid	DI Leach	
890-7530-5	SS 606 @ 1.5' - 2'	Soluble	Solid	DI Leach	
890-7530-6	SS 604 @ 1.5' - 2'	Soluble	Solid	DI Leach	
890-7530-7	SS 591 @ 1.5' - 2'	Soluble	Solid	DI Leach	
890-7530-8	SS 320 @ 1.5' - 2'	Soluble	Solid	DI Leach	
890-7530-9	SS 308 @ 1.5' - 2'	Soluble	Solid	DI Leach	
890-7530-10	SS 321 @ 1.5' - 2'	Soluble	Solid	DI Leach	
MB 880-99519/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-99519/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-99519/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7530-1 MS	SS 481 @ 1.5' - 2'	Soluble	Solid	DI Leach	
890-7530-1 MSD	SS 481 @ 1.5' - 2'	Soluble	Solid	DI Leach	

Analysis Batch: 99529

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7530-1	SS 481 @ 1.5' - 2'	Soluble	Solid	300.0	99519
890-7530-2	SS 506 @ 1.5' - 2'	Soluble	Solid	300.0	99519
890-7530-3	SS 410 @ 1.5' - 2'	Soluble	Solid	300.0	99519
890-7530-4	SS 609 @ 1.5' - 2'	Soluble	Solid	300.0	99519
890-7530-5	SS 606 @ 1.5' - 2'	Soluble	Solid	300.0	99519
890-7530-6	SS 604 @ 1.5' - 2'	Soluble	Solid	300.0	99519
890-7530-7	SS 591 @ 1.5' - 2'	Soluble	Solid	300.0	99519
890-7530-8	SS 320 @ 1.5' - 2'	Soluble	Solid	300.0	99519
890-7530-9	SS 308 @ 1.5' - 2'	Soluble	Solid	300.0	99519
890-7530-10	SS 321 @ 1.5' - 2'	Soluble	Solid	300.0	99519
MB 880-99519/1-A	Method Blank	Soluble	Solid	300.0	99519
LCS 880-99519/2-A	Lab Control Sample	Soluble	Solid	300.0	99519
LCSD 880-99519/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	99519
890-7530-1 MS	SS 481 @ 1.5' - 2'	Soluble	Solid	300.0	99519
890-7530-1 MSD	SS 481 @ 1.5' - 2'	Soluble	Solid	300.0	99519

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7530-1
SDG: BUCKEYE

Client Sample ID: SS 481 @ 1.5' - 2'

Lab Sample ID: 890-7530-1

Date Collected: 01/01/25 08:36

Matrix: Solid

Date Received: 01/03/25 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			99492	AA	EET MID	01/06/25 08:43
Total/NA	Analysis	8021B		1	99378	EL	EET MID	01/06/25 12:06
Total/NA	Analysis	Total BTEX		1	99577	SM	EET MID	01/06/25 12:06
Total/NA	Analysis	8015 NM		1	99578	TKC	EET MID	01/06/25 13:49
Total/NA	Prep	8015NM Prep			99555	TKC	EET MID	01/06/25 11:37
Total/NA	Analysis	8015B NM		1	99516	TKC	EET MID	01/06/25 13:49
Soluble	Leach	DI Leach			99519	SA	EET MID	01/06/25 09:47
Soluble	Analysis	300.0		1	99529	CH	EET MID	01/06/25 11:08

Client Sample ID: SS 506 @ 1.5' - 2'

Lab Sample ID: 890-7530-2

Date Collected: 01/01/25 08:52

Matrix: Solid

Date Received: 01/03/25 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			99492	AA	EET MID	01/06/25 08:43
Total/NA	Analysis	8021B		1	99378	EL	EET MID	01/06/25 12:26
Total/NA	Analysis	Total BTEX		1	99577	SM	EET MID	01/06/25 12:26
Total/NA	Analysis	8015 NM		1	99578	TKC	EET MID	01/06/25 14:04
Total/NA	Prep	8015NM Prep			99555	TKC	EET MID	01/06/25 11:37
Total/NA	Analysis	8015B NM		1	99516	TKC	EET MID	01/06/25 14:04
Soluble	Leach	DI Leach			99519	SA	EET MID	01/06/25 09:47
Soluble	Analysis	300.0		1	99529	CH	EET MID	01/06/25 11:25

Client Sample ID: SS 410 @ 1.5' - 2'

Lab Sample ID: 890-7530-3

Date Collected: 01/01/25 09:34

Matrix: Solid

Date Received: 01/03/25 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			99492	AA	EET MID	01/06/25 08:43
Total/NA	Analysis	8021B		1	99378	EL	EET MID	01/06/25 12:46
Total/NA	Analysis	Total BTEX		1	99577	SM	EET MID	01/06/25 12:46
Total/NA	Analysis	8015 NM		1	99578	TKC	EET MID	01/06/25 13:06
Total/NA	Prep	8015NM Prep			99555	TKC	EET MID	01/06/25 11:37
Total/NA	Analysis	8015B NM		1	99516	TKC	EET MID	01/06/25 13:06
Soluble	Leach	DI Leach			99519	SA	EET MID	01/06/25 09:47
Soluble	Analysis	300.0		1	99529	CH	EET MID	01/06/25 11:31

Client Sample ID: SS 609 @ 1.5' - 2'

Lab Sample ID: 890-7530-4

Date Collected: 01/01/25 13:10

Matrix: Solid

Date Received: 01/03/25 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			99492	AA	EET MID	01/06/25 08:43
Total/NA	Analysis	8021B		1	99378	EL	EET MID	01/06/25 13:07
Total/NA	Analysis	Total BTEX		1	99577	SM	EET MID	01/06/25 13:07

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7530-1
SDG: BUCKEYE

Client Sample ID: SS 609 @ 1.5' - 2'**Lab Sample ID: 890-7530-4****Date Collected: 01/01/25 13:10****Matrix: Solid****Date Received: 01/03/25 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	99578	TKC	EET MID	01/06/25 14:18
Total/NA	Prep	8015NM Prep			99555	TKC	EET MID	01/06/25 11:37
Total/NA	Analysis	8015B NM		1	99516	TKC	EET MID	01/06/25 14:18
Soluble	Leach	DI Leach			99519	SA	EET MID	01/06/25 09:47
Soluble	Analysis	300.0		1	99529	CH	EET MID	01/06/25 11:37

Client Sample ID: SS 606 @ 1.5' - 2'**Lab Sample ID: 890-7530-5****Date Collected: 01/02/25 13:20****Matrix: Solid****Date Received: 01/03/25 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			99492	AA	EET MID	01/06/25 08:43
Total/NA	Analysis	8021B		1	99378	EL	EET MID	01/06/25 13:27
Total/NA	Analysis	Total BTEX		1	99577	SM	EET MID	01/06/25 13:27
Total/NA	Analysis	8015 NM		1	99578	TKC	EET MID	01/06/25 14:33
Total/NA	Prep	8015NM Prep			99555	TKC	EET MID	01/06/25 11:37
Total/NA	Analysis	8015B NM		1	99516	TKC	EET MID	01/06/25 14:33
Soluble	Leach	DI Leach			99519	SA	EET MID	01/06/25 09:47
Soluble	Analysis	300.0		1	99529	CH	EET MID	01/06/25 11:42

Client Sample ID: SS 604 @ 1.5' - 2'**Lab Sample ID: 890-7530-6****Date Collected: 01/02/25 13:32****Matrix: Solid****Date Received: 01/03/25 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			99492	AA	EET MID	01/06/25 08:43
Total/NA	Analysis	8021B		1	99378	EL	EET MID	01/06/25 13:48
Total/NA	Analysis	Total BTEX		1	99577	SM	EET MID	01/06/25 13:48
Total/NA	Analysis	8015 NM		1	99578	TKC	EET MID	01/06/25 13:06
Total/NA	Prep	8015NM Prep			99558	TKC	EET MID	01/06/25 11:41
Total/NA	Analysis	8015B NM		1	99518	TKC	EET MID	01/06/25 13:06
Soluble	Leach	DI Leach			99519	SA	EET MID	01/06/25 09:47
Soluble	Analysis	300.0		1	99529	CH	EET MID	01/06/25 11:59

Client Sample ID: SS 591 @ 1.5' - 2'**Lab Sample ID: 890-7530-7****Date Collected: 01/02/25 13:57****Matrix: Solid****Date Received: 01/03/25 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			99492	AA	EET MID	01/06/25 08:43
Total/NA	Analysis	8021B		1	99378	EL	EET MID	01/06/25 14:08
Total/NA	Analysis	Total BTEX		1	99577	SM	EET MID	01/06/25 14:08
Total/NA	Analysis	8015 NM		1	99578	TKC	EET MID	01/06/25 13:49
Total/NA	Prep	8015NM Prep			99558	TKC	EET MID	01/06/25 11:41
Total/NA	Analysis	8015B NM		1	99518	TKC	EET MID	01/06/25 13:49

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7530-1
SDG: BUCKEYE

Client Sample ID: SS 591 @ 1.5' - 2'**Lab Sample ID: 890-7530-7****Date Collected: 01/02/25 13:57****Matrix: Solid****Date Received: 01/03/25 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			99519	SA	EET MID	01/06/25 09:47
Soluble	Analysis	300.0		1	99529	CH	EET MID	01/06/25 12:05

Client Sample ID: SS 320 @ 1.5' - 2'**Lab Sample ID: 890-7530-8****Date Collected: 01/03/25 09:36****Matrix: Solid****Date Received: 01/03/25 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			99492	AA	EET MID	01/06/25 08:43
Total/NA	Analysis	8021B		1	99378	EL	EET MID	01/06/25 14:28
Total/NA	Analysis	Total BTEX		1	99577	SM	EET MID	01/06/25 14:28
Total/NA	Analysis	8015 NM		1	99578	TKC	EET MID	01/06/25 14:04
Total/NA	Prep	8015NM Prep			99558	TKC	EET MID	01/06/25 11:41
Total/NA	Analysis	8015B NM		1	99518	TKC	EET MID	01/06/25 14:04
Soluble	Leach	DI Leach			99519	SA	EET MID	01/06/25 09:47
Soluble	Analysis	300.0		1	99529	CH	EET MID	01/06/25 12:11

Client Sample ID: SS 308 @ 1.5' - 2'**Lab Sample ID: 890-7530-9****Date Collected: 01/03/25 09:40****Matrix: Solid****Date Received: 01/03/25 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			99492	AA	EET MID	01/06/25 08:43
Total/NA	Analysis	8021B		1	99378	EL	EET MID	01/06/25 14:49
Total/NA	Analysis	Total BTEX		1	99577	SM	EET MID	01/06/25 14:49
Total/NA	Analysis	8015 NM		1	99578	TKC	EET MID	01/06/25 14:18
Total/NA	Prep	8015NM Prep			99558	TKC	EET MID	01/06/25 11:41
Total/NA	Analysis	8015B NM		1	99518	TKC	EET MID	01/06/25 14:18
Soluble	Leach	DI Leach			99519	SA	EET MID	01/06/25 09:47
Soluble	Analysis	300.0		1	99529	CH	EET MID	01/06/25 12:16

Client Sample ID: SS 321 @ 1.5' - 2'**Lab Sample ID: 890-7530-10****Date Collected: 01/03/25 10:47****Matrix: Solid****Date Received: 01/03/25 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			99492	AA	EET MID	01/06/25 08:43
Total/NA	Analysis	8021B		1	99378	EL	EET MID	01/06/25 15:09
Total/NA	Analysis	Total BTEX		1	99577	SM	EET MID	01/06/25 15:09
Total/NA	Analysis	8015 NM		1	99578	TKC	EET MID	01/06/25 14:33
Total/NA	Prep	8015NM Prep			99558	TKC	EET MID	01/06/25 11:41
Total/NA	Analysis	8015B NM		1	99518	TKC	EET MID	01/06/25 14:33
Soluble	Leach	DI Leach			99519	SA	EET MID	01/06/25 09:47
Soluble	Analysis	300.0		1	99529	CH	EET MID	01/06/25 12:22

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7530-1
SDG: BUCKEYE

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7530-1
SDG: BUCKEYE

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7530-1
SDG: BUCKEYE

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7530-1
SDG: BUCKEYE

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7530-1	SS 481 @ 1.5' - 2'	Solid	01/01/25 08:36	01/03/25 15:45	1.5' - 2
890-7530-2	SS 506 @ 1.5' - 2'	Solid	01/01/25 08:52	01/03/25 15:45	1.5' - 2
890-7530-3	SS 410 @ 1.5' - 2'	Solid	01/01/25 09:34	01/03/25 15:45	1.5' - 2
890-7530-4	SS 609 @ 1.5' - 2'	Solid	01/01/25 13:10	01/03/25 15:45	1.5' - 2
890-7530-5	SS 606 @ 1.5' - 2'	Solid	01/02/25 13:20	01/03/25 15:45	1.5' - 2
890-7530-6	SS 604 @ 1.5' - 2'	Solid	01/02/25 13:32	01/03/25 15:45	1.5' - 2
890-7530-7	SS 591 @ 1.5' - 2'	Solid	01/02/25 13:57	01/03/25 15:45	1.5' - 2
890-7530-8	SS 320 @ 1.5' - 2'	Solid	01/03/25 09:36	01/03/25 15:45	1.5' - 2
890-7530-9	SS 308 @ 1.5' - 2'	Solid	01/03/25 09:40	01/03/25 15:45	1.5' - 2
890-7530-10	SS 321 @ 1.5' - 2'	Solid	01/03/25 10:47	01/03/25 15:45	1.5' - 2



Environment Testing

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1298
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Chain of Custody

Work Order No:

Page 1 of 1

Project Manager:	Michael Wulcker		Bill to: (if different)	CDT Consulting
Company Name:	Caro D.D & best		Company Name:	
Address:			Address:	
City, State ZIP:			City, State ZIP:	
Phone:	6616.970-8459	Email:	mwulcker@cdtconsulting.it.com	

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:		LCSA Encounters Sol H		Turn Around				Pres. Code		ANALYSIS REQUEST		Preservative Codes	
Project Number:				☐ Routine ☒ Rush								None: NO	
Project Location:		Buckeye NM		Due Date:		1-6-2025						Cool: Cool	
Sampler's Name:		Dawatch Cuseto		TAT starts the day received by the lab, if received by 4:30pm								HCL: HC	
PO #:												H ₂ SO ₄ : H ₂	
SAMPLE RECEIPT		Temp Blank:		Yes (No)		Wet Ice:		Yes (No)				H ₃ PO ₄ : HP	
Samples Received Intact:		Yes (No)		Thermometer ID:		TAN600						NaHSO ₄ : NABIS	
Cooler Custody Seals:		Yes (No)		Correction Factor:		-0.2						Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:		Yes (No)		Temperature Reading:		1.2						Zn Acetate+NaOH: Zn	
Total Containers:		10		Corrected Temperature:		1.0						NaOH+Ascorbic Acid: SAPC	

[illegible]

Total 2007 / 6010		2008 / 6020:		8RCRA 199PM, Texas 11		At Sb As Ba Be C Ca Ce Cr Co Cu Pb Mn Mo Ni N K Se Au SiO ₂ Mg S Ti Sn V Zn	
Other element(s) and Metal(s) to be analyzed		TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U		Hg: 1631 / 245.1 / 7470 / 7471			
Notices: Signatures of this document and collection of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.							
Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time		
		4/3 10 43					
					4		
					6		

Dated Date: 04/20/2008 Day: 2008

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7530-1

SDG Number: BUCKEYE

Login Number: 7530

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7530-1

SDG Number: BUCKEYE

Login Number: 7530

List Number: 2

Creator: Vasquez, Julisa

List Source: Eurofins Midland

List Creation: 01/06/25 09:31 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Michael Wicker
CDH Consulting
9446 Clermont St,
Thornton, Colorado 80229
Generated 12/20/2024 3:02:55 PM

JOB DESCRIPTION

CLOSE ENCOUNTER 301 H
BUCKEYE

JOB NUMBER

890-7492-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

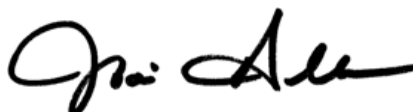
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
12/20/2024 3:02:55 PM

Authorized for release by
Jodi Allen, Project Manager I
Jodi.Allen@et.eurofinsus.com
(281)520-2865

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Laboratory Job ID: 890-7492-1
SDG: BUCKEYE

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Definitions/Glossary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1**Eurofins Carlsbad****Job Narrative
890-7492-1**

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 12/19/2024 3:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 64 (890-7492-3), SS 80 (890-7492-4), SS 262 (890-7492-5), SS 320 (890-7492-6), SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11), SS 495 (890-7492-12), SS 129 (890-7492-13), SS 154 (890-7492-14), SS 504 (890-7492-15), SS 398 (890-7492-16), SS 183 (890-7492-17), SS 200 (890-7492-18), SS 435 (890-7492-19), SS 477 (890-7492-20), SS 176 (890-7492-21), SS 138 (890-7492-22) and SS 420 (890-7492-23).

GC VOA

Method 8021B: The following samples were diluted due to physical characteristics such as color, odor, appearance, viscosity, etc. >>: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 80 (890-7492-4), SS 262 (890-7492-5) and SS 320 (890-7492-6). Elevated reporting limits (RL) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 01 (890-7492-1), SS 20 (890-7492-2) and SS 64 (890-7492-3). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 398 (890-7492-16) and SS 200 (890-7492-18). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SS 176 (890-7492-21). Evidence of matrix interferences is not obvious.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11) and SS 495 (890-7492-12). Elevated reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 46 (890-7492-8), SS 290 (890-7492-10) and SS 495 (890-7492-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: SS 504 (890-7492-15). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-98402/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98402 and analytical batch 880-98425 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within

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Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1 (Continued)

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acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SS 262 (890-7492-5). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Due to the high concentration of Diesel Range Organics (Over C10-C28), the matrix spike (MS) for preparation batch 880-98403 and analytical batch 880-98427 could not be evaluated for accuracy. The associated matrix spike duplicate (MSD) met acceptance criteria.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SS 477 (890-7492-20), (LCS 880-98403/2-A) and (LCSD 880-98403/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The method blank for preparation batch 880-98404 and analytical batch 880-98430 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-98404/2-A) and (LCSD 880-98404/3-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-98404 and analytical batch 880-98430 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The laboratory control sample (LCS) for preparation batch 880-98403 and analytical batch 880-98427 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10. Since only an acceptable LCSD is required per the method, the LCSD shows recovery for the batch and the data has been qualified and reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98374 and analytical batch 880-98376 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01

Lab Sample ID: 890-7492-1

Date Collected: 12/19/24 08:20

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0101	U	0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Ethylbenzene	0.0947		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Toluene	0.0306		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Xylenes, Total	1.81		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
m-Xylene & p-Xylene	0.0449		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
o-Xylene	1.77		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 11:51	20
1,4-Difluorobenzene (Surr)	124		70 - 130	12/20/24 08:24	12/20/24 11:51	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.94		0.0202		mg/Kg			12/20/24 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	287		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	287		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	12/19/24 21:26	12/20/24 12:09	1
o-Terphenyl	86		70 - 130	12/19/24 21:26	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17600		199		mg/Kg			12/20/24 10:49	20

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Ethylbenzene	0.0420		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Toluene	0.0216		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Xylenes, Total	0.350		0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
m-Xylene & p-Xylene	<0.0401	U	0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
o-Xylene	0.350		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	12/20/24 08:24	12/20/24 14:15	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	136	S1+	70 - 130	12/20/24 08:24	12/20/24 14:15	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.414		0.0401		mg/Kg			12/20/24 14:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	110		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	110		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				12/19/24 21:26	12/20/24 12:23	1
o-Terphenyl	77		70 - 130				12/19/24 21:26	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300	F1	49.9		mg/Kg			12/20/24 10:58	5

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Ethylbenzene	0.242		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Toluene	0.0581		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Xylenes, Total	0.781		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
m-Xylene & p-Xylene	0.189		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
o-Xylene	0.592		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20
1,4-Difluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.08		0.0795		mg/Kg			12/20/24 12:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	631		50.0		mg/Kg			12/20/24 09:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Diesel Range Organics (Over C10-C28)	631	F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 09:40	1
o-Terphenyl	78		70 - 130				12/19/24 21:28	12/20/24 09:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3110		50.2		mg/Kg			12/20/24 11:54	5

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Ethylbenzene	0.0344		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Toluene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Xylenes, Total	0.680		0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
m-Xylene & p-Xylene	<0.0399	U	0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
o-Xylene	0.680		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				12/20/24 08:24	12/20/24 14:36	10
1,4-Difluorobenzene (Surr)	106		70 - 130				12/20/24 08:24	12/20/24 14:36	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.714		0.0399		mg/Kg			12/20/24 14:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	188		50.0		mg/Kg			12/20/24 10:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Diesel Range Organics (Over C10-C28)	188		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				12/19/24 21:28	12/20/24 10:24	1
o-Terphenyl	74		70 - 130				12/19/24 21:28	12/20/24 10:24	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3070		100		mg/Kg			12/20/24 11:30	10

Client Sample ID: SS 262

Lab Sample ID: 890-7492-5

Date Collected: 12/19/24 08:59

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Ethylbenzene	0.966		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Toluene	0.415		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Xylenes, Total	1.51		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
m-Xylene & p-Xylene	0.756		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
o-Xylene	0.754		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				12/20/24 08:24	12/20/24 13:14	50
1,4-Difluorobenzene (Surr)	122		70 - 130				12/20/24 08:24	12/20/24 13:14	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.89		0.202		mg/Kg			12/20/24 13:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	463		50.0		mg/Kg			12/20/24 10:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Diesel Range Organics (Over C10-C28)	463		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				12/19/24 21:28	12/20/24 10:38	1
o-Terphenyl	69	S1-	70 - 130				12/19/24 21:28	12/20/24 10:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4470		99.4		mg/Kg			12/20/24 11:48	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 320

Lab Sample ID: 890-7492-6

Date Collected: 12/19/24 09:04

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0503	U	0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Ethylbenzene	0.537		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Toluene	0.125		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Xylenes, Total	1.20		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
m-Xylene & p-Xylene	0.454		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
o-Xylene	0.746		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	12/20/24 08:24	12/20/24 13:34	25
1,4-Difluorobenzene (Surr)	126		70 - 130	12/20/24 08:24	12/20/24 13:34	25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.86		0.101		mg/Kg			12/20/24 13:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	876		49.7		mg/Kg			12/20/24 10:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Diesel Range Organics (Over C10-C28)	876		49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130	12/19/24 21:28	12/20/24 10:53	1
o-Terphenyl	75		70 - 130	12/19/24 21:28	12/20/24 10:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3410		49.8		mg/Kg			12/20/24 11:59	5

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.199	U	0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Ethylbenzene	1.92		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Toluene	0.602		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Xylenes, Total	3.04		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
m-Xylene & p-Xylene	1.78		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
o-Xylene	1.26		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	12/20/24 08:27	12/20/24 12:24	100

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	100		70 - 130	12/20/24 08:27	12/20/24 12:24	100

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	5.56		0.398		mg/Kg			12/20/24 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2500		49.8		mg/Kg			12/20/24 11:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.7		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Diesel Range Organics (Over C10-C28)	2410		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:08	1
o-Terphenyl	95		70 - 130				12/19/24 21:28	12/20/24 11:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3680		49.6		mg/Kg			12/20/24 12:06	5

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.11		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Ethylbenzene	9.28		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Toluene	7.96		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Xylenes, Total	10.9		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
m-Xylene & p-Xylene	6.88		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
o-Xylene	4.05		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130				12/20/24 08:27	12/20/24 12:45	50
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:27	12/20/24 12:45	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	29.3		0.200		mg/Kg			12/20/24 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1330		49.9		mg/Kg			12/20/24 11:25	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	95.0		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Diesel Range Organics (Over C10-C28)	1230		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:25	1
o-Terphenyl	81		70 - 130				12/19/24 21:28	12/20/24 11:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5420		101		mg/Kg			12/20/24 12:11	10

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Ethylbenzene	1.52		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Toluene	0.807		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Xylenes, Total	4.70		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
m-Xylene & p-Xylene	3.88		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
o-Xylene	0.815		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				12/20/24 08:27	12/20/24 13:05	50
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:27	12/20/24 13:05	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	7.02		0.202		mg/Kg			12/20/24 13:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	60.0		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Diesel Range Organics (Over C10-C28)	1450		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:40	1
o-Terphenyl	86		70 - 130				12/19/24 21:28	12/20/24 11:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5250		99.4		mg/Kg			12/20/24 12:17	10

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.151		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Ethylbenzene	3.30		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Toluene	1.75		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Xylenes, Total	4.33		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
m-Xylene & p-Xylene	2.60		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
o-Xylene	1.73		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:27	12/20/24 13:25	50
1,4-Difluorobenzene (Surr)	100		70 - 130				12/20/24 08:27	12/20/24 13:25	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	9.53		0.201		mg/Kg			12/20/24 13:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2470		49.8		mg/Kg			12/20/24 11:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	129		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Diesel Range Organics (Over C10-C28)	2340		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				12/19/24 21:28	12/20/24 11:54	1
o-Terphenyl	105		70 - 130				12/19/24 21:28	12/20/24 11:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5400		99.8		mg/Kg			12/20/24 12:23	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.106		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Ethylbenzene	3.81		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Toluene	1.12		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Xylenes, Total	5.28		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
m-Xylene & p-Xylene	3.48		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
o-Xylene	1.80		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	12/20/24 08:27	12/20/24 13:46	50
1,4-Difluorobenzene (Surr)	99		70 - 130	12/20/24 08:27	12/20/24 13:46	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	10.3		0.200		mg/Kg			12/20/24 13:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3950		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	154		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	3800		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	12/19/24 21:28	12/20/24 12:09	1
o-Terphenyl	121		70 - 130	12/19/24 21:28	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4280		49.9		mg/Kg			12/20/24 12:29	5

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0994	U	0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Ethylbenzene	5.40		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Toluene	1.34		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Xylenes, Total	7.57		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
m-Xylene & p-Xylene	4.90		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
o-Xylene	2.67		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130	12/20/24 08:27	12/20/24 14:06	50

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	12/20/24 08:27	12/20/24 14:06	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	14.3		0.199		mg/Kg			12/20/24 14:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3070		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	177		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	2890		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:28	12/20/24 12:23	1
o-Terphenyl	108		70 - 130				12/19/24 21:28	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3660		49.6		mg/Kg			12/20/24 08:36	5

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Ethylbenzene	0.0238		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Toluene	0.00837		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Xylenes, Total	0.0306		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
m-Xylene & p-Xylene	0.0204		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
o-Xylene	0.0102		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	12/20/24 08:33	12/20/24 11:49	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/20/24 08:33	12/20/24 11:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0628		0.00404		mg/Kg			12/20/24 11:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	538		49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Diesel Range Organics (Over C10-C28)	538	F1	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 11:11	1
o-Terphenyl	79		70 - 130				12/19/24 21:30	12/20/24 11:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3350		50.0		mg/Kg			12/20/24 08:43	5

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Ethylbenzene	0.0475		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Toluene	0.0124		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Xylenes, Total	0.0632		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
m-Xylene & p-Xylene	0.0373		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
o-Xylene	0.0259		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				12/20/24 08:33	12/20/24 12:10	1
1,4-Difluorobenzene (Surr)	93		70 - 130				12/20/24 08:33	12/20/24 12:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.123		0.00401		mg/Kg			12/20/24 12:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2710		49.8		mg/Kg			12/20/24 12:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Diesel Range Organics (Over C10-C28)	2710		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 12:00	1
o-Terphenyl	120		70 - 130				12/19/24 21:30	12/20/24 12:00	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1710		50.3		mg/Kg			12/20/24 08:50	5

Client Sample ID: SS 504

Lab Sample ID: 890-7492-15

Date Collected: 12/19/24 11:40

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Ethylbenzene	0.563		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Toluene	0.173		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Xylenes, Total	0.464		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
m-Xylene & p-Xylene	0.290		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
o-Xylene	0.174		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				12/20/24 08:33	12/20/24 13:32	10
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:33	12/20/24 13:32	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.20		0.0398		mg/Kg			12/20/24 13:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 12:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Diesel Range Organics (Over C10-C28)	1510		50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				12/19/24 21:30	12/20/24 12:15	1
o-Terphenyl	97		70 - 130				12/19/24 21:30	12/20/24 12:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2990		50.0		mg/Kg			12/20/24 09:12	5

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 398

Lab Sample ID: 890-7492-16

Date Collected: 12/19/24 11:27

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0262		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Ethylbenzene	0.199		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Toluene	0.168		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Xylenes, Total	0.269		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
m-Xylene & p-Xylene	0.158		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
o-Xylene	0.111		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	12/20/24 08:33	12/20/24 12:30	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:33	12/20/24 12:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.662		0.00399		mg/Kg			12/20/24 12:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3130		49.9		mg/Kg			12/20/24 12:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.1	*+	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Diesel Range Organics (Over C10-C28)	3040		49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	12/19/24 21:30	12/20/24 12:31	1
o-Terphenyl	120		70 - 130	12/19/24 21:30	12/20/24 12:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2960		50.1		mg/Kg			12/20/24 09:19	5

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Ethylbenzene	0.0487		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Toluene	0.00442		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Xylenes, Total	0.0402		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
m-Xylene & p-Xylene	0.0276		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
o-Xylene	0.0126		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	12/20/24 08:33	12/20/24 12:51	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	75		70 - 130	12/20/24 08:33	12/20/24 12:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0933		0.00404		mg/Kg			12/20/24 12:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	311		49.8		mg/Kg			12/20/24 12:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Diesel Range Organics (Over C10-C28)	311		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				12/19/24 21:30	12/20/24 12:47	1
o-Terphenyl	77		70 - 130				12/19/24 21:30	12/20/24 12:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.8		9.96		mg/Kg			12/20/24 09:26	1

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Ethylbenzene	0.191		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Toluene	0.110		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Xylenes, Total	0.265		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
m-Xylene & p-Xylene	0.156		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
o-Xylene	0.109		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130	12/20/24 08:33	12/20/24 13:11	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 13:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.566		0.00402		mg/Kg			12/20/24 13:11	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2050		49.9		mg/Kg			12/20/24 13:03	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 200
Date Collected: 12/19/24 11:49
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-18
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Diesel Range Organics (Over C10-C28)	2050		49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				12/19/24 21:30	12/20/24 13:03	1
o-Terphenyl	106		70 - 130				12/19/24 21:30	12/20/24 13:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	930		10.0		mg/Kg			12/20/24 09:33	1

Client Sample ID: SS 435
Date Collected: 12/19/24 11:53
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-19
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Ethylbenzene	0.00665		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Toluene	0.00205		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Xylenes, Total	0.0105		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
m-Xylene & p-Xylene	0.00628		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
o-Xylene	0.00418		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				12/20/24 08:30	12/20/24 12:07	1
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 12:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0192		0.00404		mg/Kg			12/20/24 12:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	601		49.7		mg/Kg			12/20/24 13:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U **	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Diesel Range Organics (Over C10-C28)	601		49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				12/19/24 21:30	12/20/24 13:20	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 13:20	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3030		49.7		mg/Kg			12/20/24 09:40	5

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Xylenes, Total	0.133		0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
o-Xylene	0.133		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				12/20/24 08:30	12/20/24 12:27	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/20/24 08:30	12/20/24 12:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.133		0.00401		mg/Kg			12/20/24 12:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/20/24 13:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 13:36	1
o-Terphenyl	66	S1-	70 - 130				12/19/24 21:30	12/20/24 13:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		10.0		mg/Kg			12/20/24 09:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Ethylbenzene	0.950		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Toluene	0.199		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Xylenes, Total	1.58		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
m-Xylene & p-Xylene	0.943		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
o-Xylene	0.636		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	193	S1+	70 - 130	12/20/24 08:30	12/20/24 13:28	10
1,4-Difluorobenzene (Surr)	104		70 - 130	12/20/24 08:30	12/20/24 13:28	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.73		0.0398		mg/Kg			12/20/24 13:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2110		49.8		mg/Kg			12/20/24 13:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Diesel Range Organics (Over C10-C28)	2110		49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	12/19/24 21:30	12/20/24 13:52	1
o-Terphenyl	112		70 - 130	12/19/24 21:30	12/20/24 13:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	812		9.98		mg/Kg			12/20/24 10:09	1

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Ethylbenzene	0.0120		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Toluene	0.00377		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Xylenes, Total	0.0233		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
m-Xylene & p-Xylene	0.0102		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
o-Xylene	0.0131		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	12/20/24 08:30	12/20/24 12:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130	12/20/24 08:30	12/20/24 12:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0391		0.00399		mg/Kg			12/20/24 12:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	573		49.8		mg/Kg			12/20/24 14:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Diesel Range Organics (Over C10-C28)	573		49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 14:07	1
o-Terphenyl	78		70 - 130				12/19/24 21:30	12/20/24 14:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2650		50.1		mg/Kg			12/20/24 10:16	5

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Xylenes, Total	0.0889		0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
o-Xylene	0.0889		0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	12/20/24 08:30	12/20/24 13:08	1
1,4-Difluorobenzene (Surr)	91		70 - 130	12/20/24 08:30	12/20/24 13:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0889		0.00404		mg/Kg			12/20/24 13:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 420
Date Collected: 12/19/24 12:22
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-23
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	104		70 - 130				12/19/24 21:32	12/20/24 11:11	1	
o-Terphenyl	109		70 - 130				12/19/24 21:32	12/20/24 11:11	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	162		9.94		mg/Kg			12/20/24 10:38	1	

Surrogate Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-7492-1	SS 01	131 S1+	124
890-7492-2	SS 20	128	136 S1+
890-7492-3	SS 64	137 S1+	131 S1+
890-7492-4	SS 80	144 S1+	106
890-7492-5	SS 262	125	122
890-7492-6	SS 320	126	126
890-7492-7	SS 488	106	100
890-7492-8	SS 46	171 S1+	94
890-7492-9	SS 107	107	101
890-7492-10	SS 290	131 S1+	100
890-7492-11	SS 339	122	99
890-7492-12	SS 495	139 S1+	104
890-7492-13	SS 129	109	95
890-7492-14	SS 154	99	93
890-7492-15	SS 504	110	94
890-7492-16	SS 398	141 S1+	96
890-7492-17	SS 183	88	75
890-7492-18	SS 200	159 S1+	93
890-7492-19	SS 435	113	104
890-7492-20	SS 477	98	95
890-7492-21	SS 176	193 S1+	104
890-7492-22	SS 138	115	103
890-7492-23	SS 420	95	91
LCS 880-98432/1-A	Lab Control Sample	101	96
LCS 880-98433/1-A	Lab Control Sample	96	103
LCS 880-98434/1-A	Lab Control Sample	107	104
LCS 880-98435/1-A	Lab Control Sample	106	99
LCSD 880-98432/2-A	Lab Control Sample Dup	103	99
LCSD 880-98433/2-A	Lab Control Sample Dup	94	103
LCSD 880-98434/2-A	Lab Control Sample Dup	109	103
LCSD 880-98435/2-A	Lab Control Sample Dup	108	98
MB 880-98432/5-A	Method Blank	112	85
MB 880-98433/5-A	Method Blank	98	96
MB 880-98434/5-A	Method Blank	111	101
MB 880-98435/5-A	Method Blank	92	93
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-1	SS 01	83	86
890-7492-2	SS 20	76	77
890-7492-3	SS 64	75	78
890-7492-3 MS	SS 64	78	76

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Surrogate Summary

Client: CDH Consulting

Job ID: 890-7492-1

Project/Site: CLOSE ENCOUNTER 301 H

SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-3 MSD	SS 64	77	76
890-7492-4	SS 80	73	74
890-7492-5	SS 262	70	69 S1-
890-7492-6	SS 320	74	75
890-7492-7	SS 488	75	95
890-7492-8	SS 46	75	81
890-7492-9	SS 107	75	86
890-7492-10	SS 290	85	105
890-7492-11	SS 339	84	121
890-7492-12	SS 495	88	108
890-7492-13	SS 129	84	79
890-7492-13 MS	SS 129	80	81
890-7492-13 MSD	SS 129	79	81
890-7492-14	SS 154	84	120
890-7492-15	SS 504	92	97
890-7492-16	SS 398	85	120
890-7492-17	SS 183	87	77
890-7492-18	SS 200	82	106
890-7492-19	SS 435	77	74
890-7492-20	SS 477	81	66 S1-
890-7492-21	SS 176	88	112
890-7492-22	SS 138	81	78
890-7492-23	SS 420	104	109
890-7492-23 MS	SS 420	92	99
890-7492-23 MSD	SS 420	92	99
LCS 880-98401/2-A	Lab Control Sample	118	102
LCS 880-98402/2-A	Lab Control Sample	121	104
LCS 880-98403/2-A	Lab Control Sample	136 S1+	123
LCS 880-98404/2-A	Lab Control Sample	158 S1+	172 S1+
LCSD 880-98401/3-A	Lab Control Sample Dup	110	95
LCSD 880-98402/3-A	Lab Control Sample Dup	145 S1+	123
LCSD 880-98403/3-A	Lab Control Sample Dup	133 S1+	120
LCSD 880-98404/3-A	Lab Control Sample Dup	166 S1+	175 S1+
MB 880-98401/1-A	Method Blank	81	80
MB 880-98402/1-A	Method Blank	75	75
MB 880-98403/1-A	Method Blank	91	74
MB 880-98404/1-A	Method Blank	93	96

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-98432/5-A
Matrix: Solid
Analysis Batch: 98350

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 98432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	12/20/24 08:24	12/20/24 11:08	1
1,4-Difluorobenzene (Surr)	85		70 - 130	12/20/24 08:24	12/20/24 11:08	1

Lab Sample ID: LCS 880-98432/1-A
Matrix: Solid
Analysis Batch: 98350

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1137		mg/Kg		114	70 - 130
Ethylbenzene	0.100	0.1107		mg/Kg		111	70 - 130
Toluene	0.100	0.1082		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2221		mg/Kg		111	70 - 130
o-Xylene	0.100	0.1128		mg/Kg		113	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-98432/2-A
Matrix: Solid
Analysis Batch: 98350

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98432

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1182		mg/Kg		118	70 - 130	4	35
Ethylbenzene	0.100	0.1145		mg/Kg		114	70 - 130	3	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2282		mg/Kg		114	70 - 130	3	35
o-Xylene	0.100	0.1165		mg/Kg		117	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-98433/5-A
Matrix: Solid
Analysis Batch: 98351

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	98		70 - 130	12/20/24 08:27	12/20/24 11:02	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:27	12/20/24 11:02	1

Lab Sample ID: LCS 880-98433/1-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.1001		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09410		mg/Kg		94	70 - 130
Toluene	0.100	0.09371		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1885		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09536		mg/Kg		95	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-98433/2-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.1048		mg/Kg		105	70 - 130	5	35
Ethylbenzene	0.100	0.09886		mg/Kg		99	70 - 130	5	35
Toluene	0.100	0.09817		mg/Kg		98	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1969		mg/Kg		98	70 - 130	4	35
o-Xylene	0.100	0.09974		mg/Kg		100	70 - 130	4	35

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	111		70 - 130				12/20/24 08:30	12/20/24 11:25	1
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:30	12/20/24 11:25	1

Lab Sample ID: LCS 880-98434/1-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits		
		Result	Qualifier						
Benzene	0.100	0.1149		mg/Kg		115	70 - 130		
Ethylbenzene	0.100	0.1100		mg/Kg		110	70 - 130		
Toluene	0.100	0.1116		mg/Kg		112	70 - 130		
m-Xylene & p-Xylene	0.200	0.2234		mg/Kg		112	70 - 130		
o-Xylene	0.100	0.1142		mg/Kg		114	70 - 130		
Surrogate	LCS	LCS	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	107		70 - 130						
1,4-Difluorobenzene (Surr)	104		70 - 130						

Lab Sample ID: LCSD 880-98434/2-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.1162		mg/Kg		116	70 - 130	1	35
Ethylbenzene	0.100	0.1102		mg/Kg		110	70 - 130	0	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2247		mg/Kg		112	70 - 130	1	35
o-Xylene	0.100	0.1148		mg/Kg		115	70 - 130	1	35
Surrogate	LCSD	LCSD	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	109		70 - 130						
1,4-Difluorobenzene (Surr)	103		70 - 130						

Lab Sample ID: MB 880-98435/5-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98435

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	12/20/24 08:33	12/20/24 11:07	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 11:07	1

Lab Sample ID: LCS 880-98435/1-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1025		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.1037		mg/Kg		104	70 - 130
Toluene	0.100	0.1077		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2015		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1117		mg/Kg		112	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-98435/2-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1068		mg/Kg		107	70 - 130	4	35
Ethylbenzene	0.100	0.1065		mg/Kg		107	70 - 130	3	35
Toluene	0.100	0.1103		mg/Kg		110	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2041		mg/Kg		102	70 - 130	1	35
o-Xylene	0.100	0.1136		mg/Kg		114	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-98401/1-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98401

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130	12/19/24 21:26	12/20/24 00:11	1
o-Terphenyl	80		70 - 130	12/19/24 21:26	12/20/24 00:11	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98401/2-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98401

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1058		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	960.9		mg/Kg		96	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	118		70 - 130				
o-Terphenyl	102		70 - 130				

Lab Sample ID: LCSD 880-98401/3-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98401

			Spike	LCSD	LCSD				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1005		mg/Kg	-	101	70 - 130	5	20
Diesel Range Organics (Over C10-C28)			1000	903.5		mg/Kg	-	90	70 - 130	6	20
			LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	110		70 - 130								
o-Terphenyl	95		70 - 130								

Lab Sample ID: MB 880-98402/1-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98402

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 00:11	1
o-Terphenyl	75		70 - 130				12/19/24 21:28	12/20/24 00:11	1

Lab Sample ID: LCS 880-98402/2-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Spike	LCS	Unit	D	%Rec	%Rec
	Added	Result				Qualifier
Gasoline Range Organics (GRO)-C6-C10	1000	1061	mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1028	mg/Kg		103	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98402/2-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98402

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: LCSD 880-98402/3-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1288		mg/Kg		129	70 - 130	19	20
Diesel Range Organics (Over C10-C28)	1000	1231		mg/Kg		123	70 - 130	18	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	145	S1+	70 - 130
o-Terphenyl	123		70 - 130

Lab Sample ID: 890-7492-3 MS

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: SS 64

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	665.3	F1	mg/Kg		67	70 - 130
Diesel Range Organics (Over C10-C28)	631	F1	998	1155	F1	mg/Kg		53	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	78		70 - 130
o-Terphenyl	76		70 - 130

Lab Sample ID: 890-7492-3 MSD

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: SS 64

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	660.4	F1	mg/Kg		66	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	631	F1	998	1141	F1	mg/Kg		51	70 - 130	1	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	77		70 - 130
o-Terphenyl	76		70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-98403/1-A							Client Sample ID: Method Blank		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 98427							Prep Batch: 98403		
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				12/19/24 21:30	12/20/24 09:12	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 09:12	1

Lab Sample ID: LCS 880-98403/2-A							Client Sample ID: Lab Control Sample		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 98427							Prep Batch: 98403		
Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Gasoline Range Organics (GRO)-C6-C10		1000	1333	*+	mg/Kg		133	70 - 130	
Diesel Range Organics (Over C10-C28)		1000	1178		mg/Kg		118	70 - 130	
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	136	S1+	70 - 130						
o-Terphenyl	123		70 - 130						

Lab Sample ID: LCSD 880-98403/3-A							Client Sample ID: Lab Control Sample Dup			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 98427							Prep Batch: 98403			
Analyte		Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10		1000	1180		mg/Kg		118	70 - 130	12	20
Diesel Range Organics (Over C10-C28)		1000	1166		mg/Kg		117	70 - 130	1	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits							
1-Chlorooctane	133	S1+	70 - 130							
o-Terphenyl	120		70 - 130							

Lab Sample ID: 890-7492-13 MS							Client Sample ID: SS 129		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 98427							Prep Batch: 98403		
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	997	729.6		mg/Kg		73	70 - 130
Diesel Range Organics (Over C10-C28)	538	F1	997	1207	F1	mg/Kg		67	70 - 130

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	80		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: 890-7492-13 MSD

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	997	855.4		mg/Kg		86	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	538	F1	997	1282		mg/Kg		75	70 - 130	6	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	79		70 - 130								
o-Terphenyl	81		70 - 130								

Lab Sample ID: MB 880-98404/1-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98404

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				12/19/24 21:32	12/20/24 09:12	1
o-Terphenyl	96		70 - 130				12/19/24 21:32	12/20/24 09:12	1

Lab Sample ID: LCS 880-98404/2-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1398	*+	mg/Kg		140	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1468	*+	mg/Kg		147	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	158	S1+	70 - 130				
o-Terphenyl	172	S1+	70 - 130				

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-98404/3-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1465	*+	mg/Kg		147	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	1590	*+	mg/Kg		159	70 - 130	8	20
		LCSD	LCSD						
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane	166	S1+	70 - 130						
o-Terphenyl	175	S1+	70 - 130						

Lab Sample ID: 890-7492-23 MS

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: SS 420

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	781.1		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	867.3		mg/Kg		84	70 - 130		
		MS	MS								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Lab Sample ID: 890-7492-23 MSD

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: SS 420

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	804.1		mg/Kg		80	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	863.1		mg/Kg		84	70 - 130	0	20
		MSD	MSD								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-98374/1-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 08:34	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-98374/2-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.6		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-98374/3-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	245.0		mg/Kg		98	90 - 110	2	20

Lab Sample ID: 890-7492-2 MS

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1300	F1	1250	3073	F1	mg/Kg		142	90 - 110

Lab Sample ID: 890-7492-2 MSD

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1300	F1	1250	3070	F1	mg/Kg		142	90 - 110	0	20

Lab Sample ID: MB 880-98373/1-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 03:00	1

Lab Sample ID: LCS 880-98373/2-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	258.6		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-98373/3-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	257.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-7492-20 MS

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: SS 477

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	126		257	387.5		mg/Kg		102	90 - 110

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-7492-20 MSD							Client Sample ID: SS 477					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 98377												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	126		248	372.8		mg/Kg		100	90 - 110	4	20	

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA

Analysis Batch: 98350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-2	SS 20	Total/NA	Solid	8021B	98432
890-7492-3	SS 64	Total/NA	Solid	8021B	98432
890-7492-4	SS 80	Total/NA	Solid	8021B	98432
890-7492-5	SS 262	Total/NA	Solid	8021B	98432
890-7492-6	SS 320	Total/NA	Solid	8021B	98432
MB 880-98432/5-A	Method Blank	Total/NA	Solid	8021B	98432
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	8021B	98432
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98432

Analysis Batch: 98351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	8021B	98433
890-7492-8	SS 46	Total/NA	Solid	8021B	98433
890-7492-9	SS 107	Total/NA	Solid	8021B	98433
890-7492-10	SS 290	Total/NA	Solid	8021B	98433
890-7492-11	SS 339	Total/NA	Solid	8021B	98433
890-7492-12	SS 495	Total/NA	Solid	8021B	98433
MB 880-98433/5-A	Method Blank	Total/NA	Solid	8021B	98433
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	8021B	98433
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98433

Analysis Batch: 98352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	8021B	98434
890-7492-20	SS 477	Total/NA	Solid	8021B	98434
890-7492-21	SS 176	Total/NA	Solid	8021B	98434
890-7492-22	SS 138	Total/NA	Solid	8021B	98434
890-7492-23	SS 420	Total/NA	Solid	8021B	98434
MB 880-98434/5-A	Method Blank	Total/NA	Solid	8021B	98434
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	8021B	98434
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98434

Analysis Batch: 98353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8021B	98435
890-7492-14	SS 154	Total/NA	Solid	8021B	98435
890-7492-15	SS 504	Total/NA	Solid	8021B	98435
890-7492-16	SS 398	Total/NA	Solid	8021B	98435
890-7492-17	SS 183	Total/NA	Solid	8021B	98435
890-7492-18	SS 200	Total/NA	Solid	8021B	98435
MB 880-98435/5-A	Method Blank	Total/NA	Solid	8021B	98435
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	8021B	98435
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98435

Prep Batch: 98432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	5035	
890-7492-2	SS 20	Total/NA	Solid	5035	
890-7492-3	SS 64	Total/NA	Solid	5035	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Prep Batch: 98432 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-4	SS 80	Total/NA	Solid	5035	
890-7492-5	SS 262	Total/NA	Solid	5035	
890-7492-6	SS 320	Total/NA	Solid	5035	
MB 880-98432/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	5035	
890-7492-8	SS 46	Total/NA	Solid	5035	
890-7492-9	SS 107	Total/NA	Solid	5035	
890-7492-10	SS 290	Total/NA	Solid	5035	
890-7492-11	SS 339	Total/NA	Solid	5035	
890-7492-12	SS 495	Total/NA	Solid	5035	
MB 880-98433/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	5035	
890-7492-20	SS 477	Total/NA	Solid	5035	
890-7492-21	SS 176	Total/NA	Solid	5035	
890-7492-22	SS 138	Total/NA	Solid	5035	
890-7492-23	SS 420	Total/NA	Solid	5035	
MB 880-98434/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	5035	
890-7492-14	SS 154	Total/NA	Solid	5035	
890-7492-15	SS 504	Total/NA	Solid	5035	
890-7492-16	SS 398	Total/NA	Solid	5035	
890-7492-17	SS 183	Total/NA	Solid	5035	
890-7492-18	SS 200	Total/NA	Solid	5035	
MB 880-98435/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 98498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	Total BTEX	
890-7492-2	SS 20	Total/NA	Solid	Total BTEX	
890-7492-3	SS 64	Total/NA	Solid	Total BTEX	
890-7492-4	SS 80	Total/NA	Solid	Total BTEX	
890-7492-5	SS 262	Total/NA	Solid	Total BTEX	
890-7492-6	SS 320	Total/NA	Solid	Total BTEX	
890-7492-7	SS 488	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Analysis Batch: 98498 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-8	SS 46	Total/NA	Solid	Total BTEX	
890-7492-9	SS 107	Total/NA	Solid	Total BTEX	
890-7492-10	SS 290	Total/NA	Solid	Total BTEX	
890-7492-11	SS 339	Total/NA	Solid	Total BTEX	
890-7492-12	SS 495	Total/NA	Solid	Total BTEX	
890-7492-13	SS 129	Total/NA	Solid	Total BTEX	
890-7492-14	SS 154	Total/NA	Solid	Total BTEX	
890-7492-15	SS 504	Total/NA	Solid	Total BTEX	
890-7492-16	SS 398	Total/NA	Solid	Total BTEX	
890-7492-17	SS 183	Total/NA	Solid	Total BTEX	
890-7492-18	SS 200	Total/NA	Solid	Total BTEX	
890-7492-19	SS 435	Total/NA	Solid	Total BTEX	
890-7492-20	SS 477	Total/NA	Solid	Total BTEX	
890-7492-21	SS 176	Total/NA	Solid	Total BTEX	
890-7492-22	SS 138	Total/NA	Solid	Total BTEX	
890-7492-23	SS 420	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 98401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015NM Prep	
890-7492-2	SS 20	Total/NA	Solid	8015NM Prep	
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 98402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-4	SS 80	Total/NA	Solid	8015NM Prep	
890-7492-5	SS 262	Total/NA	Solid	8015NM Prep	
890-7492-6	SS 320	Total/NA	Solid	8015NM Prep	
890-7492-7	SS 488	Total/NA	Solid	8015NM Prep	
890-7492-8	SS 46	Total/NA	Solid	8015NM Prep	
890-7492-9	SS 107	Total/NA	Solid	8015NM Prep	
890-7492-10	SS 290	Total/NA	Solid	8015NM Prep	
890-7492-11	SS 339	Total/NA	Solid	8015NM Prep	
890-7492-12	SS 495	Total/NA	Solid	8015NM Prep	
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-3 MS	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-3 MSD	SS 64	Total/NA	Solid	8015NM Prep	

Prep Batch: 98403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-14	SS 154	Total/NA	Solid	8015NM Prep	
890-7492-15	SS 504	Total/NA	Solid	8015NM Prep	
890-7492-16	SS 398	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Prep Batch: 98403 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-17	SS 183	Total/NA	Solid	8015NM Prep	
890-7492-18	SS 200	Total/NA	Solid	8015NM Prep	
890-7492-19	SS 435	Total/NA	Solid	8015NM Prep	
890-7492-20	SS 477	Total/NA	Solid	8015NM Prep	
890-7492-21	SS 176	Total/NA	Solid	8015NM Prep	
890-7492-22	SS 138	Total/NA	Solid	8015NM Prep	
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-13 MS	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-13 MSD	SS 129	Total/NA	Solid	8015NM Prep	

Prep Batch: 98404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015NM Prep	
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-23 MS	SS 420	Total/NA	Solid	8015NM Prep	
890-7492-23 MSD	SS 420	Total/NA	Solid	8015NM Prep	

Analysis Batch: 98423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015B NM	98401
890-7492-2	SS 20	Total/NA	Solid	8015B NM	98401
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015B NM	98401
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98401
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98401

Analysis Batch: 98425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-4	SS 80	Total/NA	Solid	8015B NM	98402
890-7492-5	SS 262	Total/NA	Solid	8015B NM	98402
890-7492-6	SS 320	Total/NA	Solid	8015B NM	98402
890-7492-7	SS 488	Total/NA	Solid	8015B NM	98402
890-7492-8	SS 46	Total/NA	Solid	8015B NM	98402
890-7492-9	SS 107	Total/NA	Solid	8015B NM	98402
890-7492-10	SS 290	Total/NA	Solid	8015B NM	98402
890-7492-11	SS 339	Total/NA	Solid	8015B NM	98402
890-7492-12	SS 495	Total/NA	Solid	8015B NM	98402
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015B NM	98402
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98402
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98402
890-7492-3 MS	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-3 MSD	SS 64	Total/NA	Solid	8015B NM	98402

Analysis Batch: 98427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-14	SS 154	Total/NA	Solid	8015B NM	98403

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Analysis Batch: 98427 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-15	SS 504	Total/NA	Solid	8015B NM	98403
890-7492-16	SS 398	Total/NA	Solid	8015B NM	98403
890-7492-17	SS 183	Total/NA	Solid	8015B NM	98403
890-7492-18	SS 200	Total/NA	Solid	8015B NM	98403
890-7492-19	SS 435	Total/NA	Solid	8015B NM	98403
890-7492-20	SS 477	Total/NA	Solid	8015B NM	98403
890-7492-21	SS 176	Total/NA	Solid	8015B NM	98403
890-7492-22	SS 138	Total/NA	Solid	8015B NM	98403
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015B NM	98403
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98403
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98403
890-7492-13 MS	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-13 MSD	SS 129	Total/NA	Solid	8015B NM	98403

Analysis Batch: 98430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015B NM	98404
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015B NM	98404
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98404
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98404
890-7492-23 MS	SS 420	Total/NA	Solid	8015B NM	98404
890-7492-23 MSD	SS 420	Total/NA	Solid	8015B NM	98404

Analysis Batch: 98523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015 NM	
890-7492-2	SS 20	Total/NA	Solid	8015 NM	
890-7492-3	SS 64	Total/NA	Solid	8015 NM	
890-7492-4	SS 80	Total/NA	Solid	8015 NM	
890-7492-5	SS 262	Total/NA	Solid	8015 NM	
890-7492-6	SS 320	Total/NA	Solid	8015 NM	
890-7492-7	SS 488	Total/NA	Solid	8015 NM	
890-7492-8	SS 46	Total/NA	Solid	8015 NM	
890-7492-9	SS 107	Total/NA	Solid	8015 NM	
890-7492-10	SS 290	Total/NA	Solid	8015 NM	
890-7492-11	SS 339	Total/NA	Solid	8015 NM	
890-7492-12	SS 495	Total/NA	Solid	8015 NM	
890-7492-13	SS 129	Total/NA	Solid	8015 NM	
890-7492-14	SS 154	Total/NA	Solid	8015 NM	
890-7492-15	SS 504	Total/NA	Solid	8015 NM	
890-7492-16	SS 398	Total/NA	Solid	8015 NM	
890-7492-17	SS 183	Total/NA	Solid	8015 NM	
890-7492-18	SS 200	Total/NA	Solid	8015 NM	
890-7492-19	SS 435	Total/NA	Solid	8015 NM	
890-7492-20	SS 477	Total/NA	Solid	8015 NM	
890-7492-21	SS 176	Total/NA	Solid	8015 NM	
890-7492-22	SS 138	Total/NA	Solid	8015 NM	
890-7492-23	SS 420	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC

Leach Batch: 98373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	DI Leach	
890-7492-13	SS 129	Soluble	Solid	DI Leach	
890-7492-14	SS 154	Soluble	Solid	DI Leach	
890-7492-15	SS 504	Soluble	Solid	DI Leach	
890-7492-16	SS 398	Soluble	Solid	DI Leach	
890-7492-17	SS 183	Soluble	Solid	DI Leach	
890-7492-18	SS 200	Soluble	Solid	DI Leach	
890-7492-19	SS 435	Soluble	Solid	DI Leach	
890-7492-20	SS 477	Soluble	Solid	DI Leach	
890-7492-21	SS 176	Soluble	Solid	DI Leach	
890-7492-22	SS 138	Soluble	Solid	DI Leach	
890-7492-23	SS 420	Soluble	Solid	DI Leach	
MB 880-98373/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-20 MS	SS 477	Soluble	Solid	DI Leach	
890-7492-20 MSD	SS 477	Soluble	Solid	DI Leach	

Leach Batch: 98374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	DI Leach	
890-7492-2	SS 20	Soluble	Solid	DI Leach	
890-7492-3	SS 64	Soluble	Solid	DI Leach	
890-7492-4	SS 80	Soluble	Solid	DI Leach	
890-7492-5	SS 262	Soluble	Solid	DI Leach	
890-7492-6	SS 320	Soluble	Solid	DI Leach	
890-7492-7	SS 488	Soluble	Solid	DI Leach	
890-7492-8	SS 46	Soluble	Solid	DI Leach	
890-7492-9	SS 107	Soluble	Solid	DI Leach	
890-7492-10	SS 290	Soluble	Solid	DI Leach	
890-7492-11	SS 339	Soluble	Solid	DI Leach	
MB 880-98374/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-2 MS	SS 20	Soluble	Solid	DI Leach	
890-7492-2 MSD	SS 20	Soluble	Solid	DI Leach	

Analysis Batch: 98376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	300.0	98374
890-7492-2	SS 20	Soluble	Solid	300.0	98374
890-7492-3	SS 64	Soluble	Solid	300.0	98374
890-7492-4	SS 80	Soluble	Solid	300.0	98374
890-7492-5	SS 262	Soluble	Solid	300.0	98374
890-7492-6	SS 320	Soluble	Solid	300.0	98374
890-7492-7	SS 488	Soluble	Solid	300.0	98374
890-7492-8	SS 46	Soluble	Solid	300.0	98374
890-7492-9	SS 107	Soluble	Solid	300.0	98374
890-7492-10	SS 290	Soluble	Solid	300.0	98374
890-7492-11	SS 339	Soluble	Solid	300.0	98374
MB 880-98374/1-A	Method Blank	Soluble	Solid	300.0	98374

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC (Continued)

Analysis Batch: 98376 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	300.0	98374
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98374
890-7492-2 MS	SS 20	Soluble	Solid	300.0	98374
890-7492-2 MSD	SS 20	Soluble	Solid	300.0	98374

Analysis Batch: 98377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	300.0	98373
890-7492-13	SS 129	Soluble	Solid	300.0	98373
890-7492-14	SS 154	Soluble	Solid	300.0	98373
890-7492-15	SS 504	Soluble	Solid	300.0	98373
890-7492-16	SS 398	Soluble	Solid	300.0	98373
890-7492-17	SS 183	Soluble	Solid	300.0	98373
890-7492-18	SS 200	Soluble	Solid	300.0	98373
890-7492-19	SS 435	Soluble	Solid	300.0	98373
890-7492-20	SS 477	Soluble	Solid	300.0	98373
890-7492-21	SS 176	Soluble	Solid	300.0	98373
890-7492-22	SS 138	Soluble	Solid	300.0	98373
890-7492-23	SS 420	Soluble	Solid	300.0	98373
MB 880-98373/1-A	Method Blank	Soluble	Solid	300.0	98373
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	300.0	98373
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98373
890-7492-20 MS	SS 477	Soluble	Solid	300.0	98373
890-7492-20 MSD	SS 477	Soluble	Solid	300.0	98373

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01

Lab Sample ID: 890-7492-1

Date Collected: 12/19/24 08:20

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 11:51
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		5	98350	MNR	EET MID	12/20/24 13:55
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:55
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		20	98376	CH	EET MID	12/20/24 10:49

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:15
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:15
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 10:58

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 12:33
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:33
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 09:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 09:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:54

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:36
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:36
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:24
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:24
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:30

Client Sample ID: SS 262

Lab Sample ID: 890-7492-5

Date Collected: 12/19/24 08:59

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		50	98350	MNR	EET MID	12/20/24 13:14
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:14
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:38
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:38
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:48

Client Sample ID: SS 320

Lab Sample ID: 890-7492-6

Date Collected: 12/19/24 09:04

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		25	98350	MNR	EET MID	12/20/24 13:34
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:34
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:53
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:53
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:59

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		100	98351	MNR	EET MID	12/20/24 12:24
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:24

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488

Date Collected: 12/19/24 09:12

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:08
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:08
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:06

Client Sample ID: SS 46

Date Collected: 12/19/24 10:15

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 12:45
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:45
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:25
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:25
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:11

Client Sample ID: SS 107

Date Collected: 12/19/24 10:22

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:05
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:05
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:17

Client Sample ID: SS 290

Date Collected: 12/19/24 10:30

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:25
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:25
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:54
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:54

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:23

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:46
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:46
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:29

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 14:06
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:06
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:36

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 11:49
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 11:49
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:43

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:10
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:10
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:00
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:00
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:50

Client Sample ID: SS 504

Lab Sample ID: 890-7492-15

Date Collected: 12/19/24 11:40

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		10	98353	MNR	EET MID	12/20/24 13:32
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:32
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:15
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:15
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:12

Client Sample ID: SS 398

Lab Sample ID: 890-7492-16

Date Collected: 12/19/24 11:27

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:30
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:30
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:31
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:31
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:19

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:51
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:51

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:47
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:47
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:26

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 13:11
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:11
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:03
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:03
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:33

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:07
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:07
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:20
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:20
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:40

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:27
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:27
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:36
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:36

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:48

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		10	98352	MNR	EET MID	12/20/24 13:28
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:28
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:52
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:52
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:09

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:48
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:48
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 14:07
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 14:07
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 10:16

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 13:08
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:08
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98404	EL	EET MID	12/19/24 21:32
Total/NA	Analysis	8015B NM		1	98430	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:38

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
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Method Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7492-1	SS 01	Solid	12/19/24 08:20	12/19/24 15:45	- SURFACE
890-7492-2	SS 20	Solid	12/19/24 08:36	12/19/24 15:45	- SURFACE
890-7492-3	SS 64	Solid	12/19/24 08:47	12/19/24 15:45	- SURFACE
890-7492-4	SS 80	Solid	12/19/24 08:53	12/19/24 15:45	- SURFACE
890-7492-5	SS 262	Solid	12/19/24 08:59	12/19/24 15:45	- SURFACE
890-7492-6	SS 320	Solid	12/19/24 09:04	12/19/24 15:45	- SURFACE
890-7492-7	SS 488	Solid	12/19/24 09:12	12/19/24 15:45	- SURFACE
890-7492-8	SS 46	Solid	12/19/24 10:15	12/19/24 15:45	- SURFACE
890-7492-9	SS 107	Solid	12/19/24 10:22	12/19/24 15:45	- SURFACE
890-7492-10	SS 290	Solid	12/19/24 10:30	12/19/24 15:45	- SURFACE
890-7492-11	SS 339	Solid	12/19/24 10:37	12/19/24 15:45	- SURFACE
890-7492-12	SS 495	Solid	12/19/24 10:44	12/19/24 15:45	- SURFACE
890-7492-13	SS 129	Solid	12/19/24 11:07	12/19/24 15:45	- SURFACE
890-7492-14	SS 154	Solid	12/19/24 11:19	12/19/24 15:45	- SURFACE
890-7492-15	SS 504	Solid	12/19/24 11:40	12/19/24 15:45	- SURFACE
890-7492-16	SS 398	Solid	12/19/24 11:27	12/19/24 15:45	- SURFACE
890-7492-17	SS 183	Solid	12/19/24 11:44	12/19/24 15:45	- SURFACE
890-7492-18	SS 200	Solid	12/19/24 11:49	12/19/24 15:45	- SURFACE
890-7492-19	SS 435	Solid	12/19/24 11:53	12/19/24 15:45	- SURFACE
890-7492-20	SS 477	Solid	12/19/24 12:02	12/19/24 15:45	- SURFACE
890-7492-21	SS 176	Solid	12/19/24 12:07	12/19/24 15:45	- SURFACE
890-7492-22	SS 138	Solid	12/19/24 12:17	12/19/24 15:45	- SURFACE
890-7492-23	SS 420	Solid	12/19/24 12:22	12/19/24 15:45	- SURFACE

Chain of Custody



Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 1 of 3

Work-Order Comments

Program: ☐ PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project: ☐ Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Reporting: ☐ Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: ☐ EDD ☐ ADAPT ☐ Other:

Project Manager: Michael Wicker

Company Name: Cotto

Address:

City, State ZIP: 1616-970-8459

Phone: 1616-970-8459

Email: mwicker@cottoconsult.com

ANALYSIS REQUEST

Project Name: Close Encounter 30114

Project Number: Buckeye, NM

Project Location: Dakotah Cueto

Sampler's Name:

PO #:

SAMPLE RECEIPT

Samples Received Intact: ☒ Yes ☐ No

Cooler Custody Seals: ☒ Yes ☐ No

Sample Custody Seals: ☒ Yes ☐ No

Total Containers: 5

Temp Blank: ☒ Yes ☐ No

Wet Ice: ☒ Yes ☐ No

Thermometer ID: -0.2

Correction Factor: 5.8

Temperature Reading: 5.0

Corrected Temperature: 5.0

Preservative Codes

None: ☐ NO ☐ DI Water: ☐ H₂O

Cool: ☐ Cool ☐ MeOH: ☐ Me

HCL: ☐ HC ☐ HNO₃

H₂SO₄: ☐ H₂ ☐ NaOH: ☐ Na

H₃PO₄: ☐ HP ☐ NaHSO₄: ☐ NABIS

Na₂S₂O₃: ☐ NaSO₃

Zn Acetate+NaOH: ☐ Zn

NaOH+Ascorbic Acid: ☐ SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters	Pres. Code	Turn Around	Analysis Request	Preservative Codes	Sample Comments
SS01	S	12-19-24	08:20	Surf	C	1						
SS20	S		08:36		C	1						
SS64	S		08:47		C	1						
SS80	S		08:53		C	1						
SS262	S		08:59		C	1						
SS320	S		09:04		C	1						
SS488	S		09:12		C	1						
SS46	S		10:15		C	1						
SS107	S		10:22		C	1						
SS290	S		10:30		C	1						

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>Dakotah Cueto</u>	<u>Brown</u>	<u>12/19 1545</u>			

Revised Date: 06/25/2020 Rev. 2020.2

Chain of Custody



Environment Testing

Work Order No:

Page 2 of 3

Little Rock, AR (501) 224-5060

[illegible]

NOTES: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$95.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	<i>Dakotah Nieto</i>			2		
3				4		
5				6		

Reviewed Date: 08/25/2020 Rev: 2020 2



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 382-7550, Carlsbad, NM (575) 988-3499
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

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[illegible]

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Source: Eurofins Carlsbad

List Number: 1

Creator: Bruns, Shannon

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Source: Eurofins Midland

List Number: 2

List Creation: 12/19/24 09:21 PM

Creator: Laing, Edmundo

Question	Answer	Comment
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time (excluding tests with immediate HTs)		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").		



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Michael Wicker
CDH Consulting
9446 Clermont St,
Thornton, Colorado 80229

Generated 1/8/2025 1:28:48 PM

JOB DESCRIPTION

CLOSE ENCOUNTERS 301H
BUCKEYE

JOB NUMBER

890-7544-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

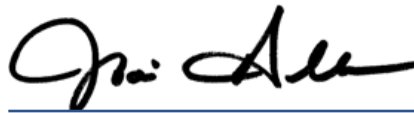
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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1/8/2025 1:28:48 PM

Authorized for release by
Jodi Allen, Project Manager I
Jodi.Allen@et.eurofinsus.com
(281)520-2865

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301H

Laboratory Job ID: 890-7544-1
SDG: BUCKEYE

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Definitions/Glossary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301H

Job ID: 890-7544-1
SDG: BUCKEYE

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTERS 301H

Job ID: 890-7544-1

Job ID: 890-7544-1

Eurofins Carlsbad

Job Narrative 890-7544-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 1/7/2025 3:20 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.8°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS 79 @ 2' (890-7544-1), SS 82 @ 2' (890-7544-2), SS 115 @ 2' (890-7544-3) and SS 89 @ 2' (890-7544-4).

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: SS 79 @ 2' (890-7544-1). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: SS 115 @ 2' (890-7544-3), SS 89 @ 2' (890-7544-4) and (890-7529-A-19-C). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-99723/3-A). Evidence of matrix interferences is not obvious.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Carlsbad

Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301H

Job ID: 890-7544-1
SDG: BUCKEYE

Client Sample ID: SS 79 @ 2'

Lab Sample ID: 890-7544-1

Date Collected: 01/06/25 14:12

Matrix: Solid

Date Received: 01/07/25 15:20

Sample Depth: 2'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/08/25 08:28	01/08/25 11:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/08/25 08:28	01/08/25 11:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/08/25 08:28	01/08/25 11:36	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/08/25 08:28	01/08/25 11:36	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/08/25 08:28	01/08/25 11:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/08/25 08:28	01/08/25 11:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	01/08/25 08:28	01/08/25 11:36	1
1,4-Difluorobenzene (Surr)	87		70 - 130	01/08/25 08:28	01/08/25 11:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/08/25 11:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/08/25 11:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/07/25 16:42	01/08/25 11:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/07/25 16:42	01/08/25 11:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/07/25 16:42	01/08/25 11:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130	01/07/25 16:42	01/08/25 11:38	1
o-Terphenyl	68	S1-	70 - 130	01/07/25 16:42	01/08/25 11:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	92.8		2.00		mg/Kg			01/08/25 12:12	1

Client Sample ID: SS 82 @ 2'

Lab Sample ID: 890-7544-2

Date Collected: 01/06/25 14:24

Matrix: Solid

Date Received: 01/07/25 15:20

Sample Depth: 2'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/08/25 08:28	01/08/25 11:56	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/08/25 08:28	01/08/25 11:56	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/08/25 08:28	01/08/25 11:56	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/08/25 08:28	01/08/25 11:56	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/08/25 08:28	01/08/25 11:56	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/08/25 08:28	01/08/25 11:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	01/08/25 08:28	01/08/25 11:56	1

Eurofins Carlsbad

Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301H

Job ID: 890-7544-1
SDG: BUCKEYE

Client Sample ID: SS 82 @ 2'

Lab Sample ID: 890-7544-2

Date Collected: 01/06/25 14:24

Matrix: Solid

Date Received: 01/07/25 15:20

Sample Depth: 2'

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	88		70 - 130	01/08/25 08:28	01/08/25 11:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/08/25 11:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/08/25 11:55	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/07/25 16:42	01/08/25 11:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/07/25 16:42	01/08/25 11:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/07/25 16:42	01/08/25 11:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				01/07/25 16:42	01/08/25 11:55	1
o-Terphenyl	73		70 - 130				01/07/25 16:42	01/08/25 11:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	115		1.99		mg/Kg			01/08/25 12:18	1

Client Sample ID: SS 115 @ 2'

Lab Sample ID: 890-7544-3

Date Collected: 01/06/25 15:36

Matrix: Solid

Date Received: 01/07/25 15:20

Sample Depth: 2'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/08/25 08:28	01/08/25 12:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/08/25 08:28	01/08/25 12:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/08/25 08:28	01/08/25 12:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/08/25 08:28	01/08/25 12:17	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/08/25 08:28	01/08/25 12:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/08/25 08:28	01/08/25 12:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	01/08/25 08:28	01/08/25 12:17	1
1,4-Difluorobenzene (Surr)	87		70 - 130	01/08/25 08:28	01/08/25 12:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/08/25 12:17	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	115		50.0		mg/Kg			01/08/25 11:38	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301H

Job ID: 890-7544-1
SDG: BUCKEYE

Client Sample ID: SS 115 @ 2'

Lab Sample ID: 890-7544-3

Date Collected: 01/06/25 15:36

Matrix: Solid

Date Received: 01/07/25 15:20

Sample Depth: 2'

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/07/25 16:45	01/08/25 11:38	1
Diesel Range Organics (Over C10-C28)	115		50.0		mg/Kg		01/07/25 16:45	01/08/25 11:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/07/25 16:45	01/08/25 11:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	60	S1-	70 - 130				01/07/25 16:45	01/08/25 11:38	1
o-Terphenyl	62	S1-	70 - 130				01/07/25 16:45	01/08/25 11:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96.1		2.01		mg/Kg			01/08/25 12:24	1

Client Sample ID: SS 89 @ 2'

Lab Sample ID: 890-7544-4

Date Collected: 01/07/25 09:12

Matrix: Solid

Date Received: 01/07/25 15:20

Sample Depth: 2'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/08/25 08:28	01/08/25 12:37	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/08/25 08:28	01/08/25 12:37	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/08/25 08:28	01/08/25 12:37	1
Xylenes, Total	0.0226		0.00402		mg/Kg		01/08/25 08:28	01/08/25 12:37	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/08/25 08:28	01/08/25 12:37	1
o-Xylene	0.0226		0.00201		mg/Kg		01/08/25 08:28	01/08/25 12:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				01/08/25 08:28	01/08/25 12:37	1
1,4-Difluorobenzene (Surr)	89		70 - 130				01/08/25 08:28	01/08/25 12:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0226		0.00402		mg/Kg			01/08/25 12:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/08/25 11:55	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/07/25 16:45	01/08/25 11:55	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/07/25 16:45	01/08/25 11:55	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/07/25 16:45	01/08/25 11:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	62	S1-	70 - 130				01/07/25 16:45	01/08/25 11:55	1
o-Terphenyl	62	S1-	70 - 130				01/07/25 16:45	01/08/25 11:55	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301H

Job ID: 890-7544-1
SDG: BUCKEYE

Client Sample ID: SS 89 @ 2'
Date Collected: 01/07/25 09:12
Date Received: 01/07/25 15:20
Sample Depth: 2'

Lab Sample ID: 890-7544-4
Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	104		2.00		mg/Kg			01/08/25 12:30	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Surrogate Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301H

Job ID: 890-7544-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-7544-1	SS 79 @ 2'	114	87
890-7544-1 MS	SS 79 @ 2'	97	95
890-7544-1 MSD	SS 79 @ 2'	96	94
890-7544-2	SS 82 @ 2'	110	88
890-7544-3	SS 115 @ 2'	108	87
890-7544-4	SS 89 @ 2'	122	89
LCS 880-99759/1-A	Lab Control Sample	99	94
LCSD 880-99759/2-A	Lab Control Sample Dup	99	95
MB 880-99759/5-A	Method Blank	112	82
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7544-1	SS 79 @ 2'	68 S1-	68 S1-
890-7544-2	SS 82 @ 2'	76	73
890-7544-3	SS 115 @ 2'	60 S1-	62 S1-
890-7544-4	SS 89 @ 2'	62 S1-	62 S1-
LCS 880-99721/2-A	Lab Control Sample	119	110
LCS 880-99723/2-A	Lab Control Sample	125	114
LCSD 880-99721/3-A	Lab Control Sample Dup	108	100
LCSD 880-99723/3-A	Lab Control Sample Dup	131 S1+	116
MB 880-99721/1-A	Method Blank	114	113
MB 880-99723/1-A	Method Blank	111	115
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301H

Job ID: 890-7544-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-99759/5-A

Matrix: Solid

Analysis Batch: 99753

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 99759

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/08/25 08:28	01/08/25 11:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/08/25 08:28	01/08/25 11:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/08/25 08:28	01/08/25 11:14	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/08/25 08:28	01/08/25 11:14	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/08/25 08:28	01/08/25 11:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/08/25 08:28	01/08/25 11:14	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	01/08/25 08:28	01/08/25 11:14	1
1,4-Difluorobenzene (Surr)	82		70 - 130	01/08/25 08:28	01/08/25 11:14	1

Lab Sample ID: LCS 880-99759/1-A

Matrix: Solid

Analysis Batch: 99753

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 99759

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1038		mg/Kg		104	70 - 130
Ethylbenzene	0.100	0.09843		mg/Kg		98	70 - 130
Toluene	0.100	0.1080		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2001		mg/Kg		100	70 - 130
o-Xylene	0.100	0.1004		mg/Kg		100	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: LCSD 880-99759/2-A

Matrix: Solid

Analysis Batch: 99753

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 99759

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1072		mg/Kg		107	70 - 130	3	35
Ethylbenzene	0.100	0.1012		mg/Kg		101	70 - 130	3	35
Toluene	0.100	0.1109		mg/Kg		111	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2055		mg/Kg		103	70 - 130	3	35
o-Xylene	0.100	0.1027		mg/Kg		103	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 890-7544-1 MS

Matrix: Solid

Analysis Batch: 99753

Client Sample ID: SS 79 @ 2'

Prep Type: Total/NA

Prep Batch: 99759

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1001		mg/Kg		100	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09158		mg/Kg		92	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301H

Job ID: 890-7544-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-7544-1 MS

Matrix: Solid

Analysis Batch: 99753

Client Sample ID: SS 79 @ 2'

Prep Type: Total/NA

Prep Batch: 99759

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	<0.00200	U	0.100	0.1020		mg/Kg		102	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1850		mg/Kg		92	70 - 130
o-Xylene	<0.00200	U	0.100	0.09254		mg/Kg		93	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 890-7544-1 MSD

Matrix: Solid

Analysis Batch: 99753

Client Sample ID: SS 79 @ 2'

Prep Type: Total/NA

Prep Batch: 99759

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1006		mg/Kg		101	70 - 130	0	35
Ethylbenzene	<0.00200	U	0.100	0.09104		mg/Kg		91	70 - 130	1	35
Toluene	<0.00200	U	0.100	0.1010		mg/Kg		101	70 - 130	1	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1837		mg/Kg		92	70 - 130	1	35
o-Xylene	<0.00200	U	0.100	0.09292		mg/Kg		93	70 - 130	0	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-99721/1-A

Matrix: Solid

Analysis Batch: 99794

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 99721

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/07/25 16:42	01/08/25 02:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/07/25 16:42	01/08/25 02:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/07/25 16:42	01/08/25 02:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130	01/07/25 16:42	01/08/25 02:28	1
o-Terphenyl	113		70 - 130	01/07/25 16:42	01/08/25 02:28	1

Lab Sample ID: LCS 880-99721/2-A

Matrix: Solid

Analysis Batch: 99794

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 99721

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	918.7		mg/Kg		92	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1003		mg/Kg		100	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301H

Job ID: 890-7544-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-99721/2-A

Matrix: Solid

Analysis Batch: 99794

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 99721

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	119		70 - 130
o-Terphenyl	110		70 - 130

Lab Sample ID: LCSD 880-99721/3-A

Matrix: Solid

Analysis Batch: 99794

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 99721

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	854.8		mg/Kg		85	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	1000	939.5		mg/Kg		94	70 - 130	7	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	108		70 - 130
o-Terphenyl	100		70 - 130

Lab Sample ID: MB 880-99723/1-A

Matrix: Solid

Analysis Batch: 99796

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 99723

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/07/25 16:44	01/08/25 02:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/07/25 16:44	01/08/25 02:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/07/25 16:44	01/08/25 02:28	1

	MB	MB		Prepared	Analyzed	Dil Fac
Surrogate	%Recovery	Qualifier	Limits			
1-Chlorooctane	111		70 - 130	01/07/25 16:44	01/08/25 02:28	1
o-Terphenyl	115		70 - 130	01/07/25 16:44	01/08/25 02:28	1

Lab Sample ID: LCS 880-99723/2-A

Matrix: Solid

Analysis Batch: 99796

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 99723

	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	937.9		mg/Kg		94	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1098		mg/Kg		110	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	125		70 - 130
o-Terphenyl	114		70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301H

Job ID: 890-7544-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-99723/3-A

Matrix: Solid

Analysis Batch: 99796

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 99723

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	972.5		mg/Kg		97	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	1111		mg/Kg		111	70 - 130	1	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	131	S1+	70 - 130						
o-Terphenyl	116		70 - 130						

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-99762/1-A

Matrix: Solid

Analysis Batch: 99777

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<2.00	U	2.00		mg/Kg			01/08/25 10:59	1

Lab Sample ID: LCS 880-99762/2-A

Matrix: Solid

Analysis Batch: 99777

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	50.0	52.18		mg/Kg		104	90 - 110		

Lab Sample ID: LCSD 880-99762/3-A

Matrix: Solid

Analysis Batch: 99777

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	50.0	52.20		mg/Kg		104	90 - 110	0	20

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301H

Job ID: 890-7544-1
SDG: BUCKEYE

GC VOA

Analysis Batch: 99753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7544-1	SS 79 @ 2'	Total/NA	Solid	8021B	99759
890-7544-2	SS 82 @ 2'	Total/NA	Solid	8021B	99759
890-7544-3	SS 115 @ 2'	Total/NA	Solid	8021B	99759
890-7544-4	SS 89 @ 2'	Total/NA	Solid	8021B	99759
MB 880-99759/5-A	Method Blank	Total/NA	Solid	8021B	99759
LCS 880-99759/1-A	Lab Control Sample	Total/NA	Solid	8021B	99759
LCSD 880-99759/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	99759
890-7544-1 MS	SS 79 @ 2'	Total/NA	Solid	8021B	99759
890-7544-1 MSD	SS 79 @ 2'	Total/NA	Solid	8021B	99759

Prep Batch: 99759

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7544-1	SS 79 @ 2'	Total/NA	Solid	5035	
890-7544-2	SS 82 @ 2'	Total/NA	Solid	5035	
890-7544-3	SS 115 @ 2'	Total/NA	Solid	5035	
890-7544-4	SS 89 @ 2'	Total/NA	Solid	5035	
MB 880-99759/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-99759/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-99759/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7544-1 MS	SS 79 @ 2'	Total/NA	Solid	5035	
890-7544-1 MSD	SS 79 @ 2'	Total/NA	Solid	5035	

Analysis Batch: 99821

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7544-1	SS 79 @ 2'	Total/NA	Solid	Total BTEX	
890-7544-2	SS 82 @ 2'	Total/NA	Solid	Total BTEX	
890-7544-3	SS 115 @ 2'	Total/NA	Solid	Total BTEX	
890-7544-4	SS 89 @ 2'	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 99721

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7544-1	SS 79 @ 2'	Total/NA	Solid	8015NM Prep	
890-7544-2	SS 82 @ 2'	Total/NA	Solid	8015NM Prep	
MB 880-99721/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-99721/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-99721/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 99723

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7544-3	SS 115 @ 2'	Total/NA	Solid	8015NM Prep	
890-7544-4	SS 89 @ 2'	Total/NA	Solid	8015NM Prep	
MB 880-99723/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-99723/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-99723/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 99794

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7544-1	SS 79 @ 2'	Total/NA	Solid	8015B NM	99721
890-7544-2	SS 82 @ 2'	Total/NA	Solid	8015B NM	99721

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301H

Job ID: 890-7544-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Analysis Batch: 99794 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-99721/1-A	Method Blank	Total/NA	Solid	8015B NM	99721
LCS 880-99721/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	99721
LCSD 880-99721/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	99721

Analysis Batch: 99796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7544-3	SS 115 @ 2'	Total/NA	Solid	8015B NM	99723
890-7544-4	SS 89 @ 2'	Total/NA	Solid	8015B NM	99723
MB 880-99723/1-A	Method Blank	Total/NA	Solid	8015B NM	99723
LCS 880-99723/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	99723
LCSD 880-99723/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	99723

Analysis Batch: 99819

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7544-1	SS 79 @ 2'	Total/NA	Solid	8015 NM	
890-7544-2	SS 82 @ 2'	Total/NA	Solid	8015 NM	
890-7544-3	SS 115 @ 2'	Total/NA	Solid	8015 NM	
890-7544-4	SS 89 @ 2'	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 99762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7544-1	SS 79 @ 2'	Soluble	Solid	DI Leach	
890-7544-2	SS 82 @ 2'	Soluble	Solid	DI Leach	
890-7544-3	SS 115 @ 2'	Soluble	Solid	DI Leach	
890-7544-4	SS 89 @ 2'	Soluble	Solid	DI Leach	
MB 880-99762/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-99762/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-99762/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 99777

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7544-1	SS 79 @ 2'	Soluble	Solid	300.0	99762
890-7544-2	SS 82 @ 2'	Soluble	Solid	300.0	99762
890-7544-3	SS 115 @ 2'	Soluble	Solid	300.0	99762
890-7544-4	SS 89 @ 2'	Soluble	Solid	300.0	99762
MB 880-99762/1-A	Method Blank	Soluble	Solid	300.0	99762
LCS 880-99762/2-A	Lab Control Sample	Soluble	Solid	300.0	99762
LCSD 880-99762/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	99762

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301H

Job ID: 890-7544-1
SDG: BUCKEYE

Client Sample ID: SS 79 @ 2'

Lab Sample ID: 890-7544-1

Date Collected: 01/06/25 14:12

Matrix: Solid

Date Received: 01/07/25 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			99759	MNR	EET MID	01/08/25 08:28
Total/NA	Analysis	8021B		1	99753	MNR	EET MID	01/08/25 11:36
Total/NA	Analysis	Total BTEX		1	99821	SM	EET MID	01/08/25 11:36
Total/NA	Analysis	8015 NM		1	99819	SM	EET MID	01/08/25 11:38
Total/NA	Prep	8015NM Prep			99721	EL	EET MID	01/07/25 16:42
Total/NA	Analysis	8015B NM		1	99794	TKC	EET MID	01/08/25 11:38
Soluble	Leach	DI Leach			99762	SI	EET MID	01/08/25 09:21
Soluble	Analysis	300.0		1	99777	CH	EET MID	01/08/25 12:12

Client Sample ID: SS 82 @ 2'

Lab Sample ID: 890-7544-2

Date Collected: 01/06/25 14:24

Matrix: Solid

Date Received: 01/07/25 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			99759	MNR	EET MID	01/08/25 08:28
Total/NA	Analysis	8021B		1	99753	MNR	EET MID	01/08/25 11:56
Total/NA	Analysis	Total BTEX		1	99821	SM	EET MID	01/08/25 11:56
Total/NA	Analysis	8015 NM		1	99819	SM	EET MID	01/08/25 11:55
Total/NA	Prep	8015NM Prep			99721	EL	EET MID	01/07/25 16:42
Total/NA	Analysis	8015B NM		1	99794	TKC	EET MID	01/08/25 11:55
Soluble	Leach	DI Leach			99762	SI	EET MID	01/08/25 09:21
Soluble	Analysis	300.0		1	99777	CH	EET MID	01/08/25 12:18

Client Sample ID: SS 115 @ 2'

Lab Sample ID: 890-7544-3

Date Collected: 01/06/25 15:36

Matrix: Solid

Date Received: 01/07/25 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			99759	MNR	EET MID	01/08/25 08:28
Total/NA	Analysis	8021B		1	99753	MNR	EET MID	01/08/25 12:17
Total/NA	Analysis	Total BTEX		1	99821	SM	EET MID	01/08/25 12:17
Total/NA	Analysis	8015 NM		1	99819	SM	EET MID	01/08/25 11:38
Total/NA	Prep	8015NM Prep			99723	EL	EET MID	01/07/25 16:45
Total/NA	Analysis	8015B NM		1	99796	TKC	EET MID	01/08/25 11:38
Soluble	Leach	DI Leach			99762	SI	EET MID	01/08/25 09:21
Soluble	Analysis	300.0		1	99777	CH	EET MID	01/08/25 12:24

Client Sample ID: SS 89 @ 2'

Lab Sample ID: 890-7544-4

Date Collected: 01/07/25 09:12

Matrix: Solid

Date Received: 01/07/25 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			99759	MNR	EET MID	01/08/25 08:28
Total/NA	Analysis	8021B		1	99753	MNR	EET MID	01/08/25 12:37
Total/NA	Analysis	Total BTEX		1	99821	SM	EET MID	01/08/25 12:37

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301H

Job ID: 890-7544-1
SDG: BUCKEYE

Client Sample ID: SS 89 @ 2'
Date Collected: 01/07/25 09:12
Date Received: 01/07/25 15:20

Lab Sample ID: 890-7544-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	99819	SM	EET MID	01/08/25 11:55
Total/NA	Prep	8015NM Prep			99723	EL	EET MID	01/07/25 16:45
Total/NA	Analysis	8015B NM		1	99796	TKC	EET MID	01/08/25 11:55
Soluble	Leach	DI Leach			99762	SI	EET MID	01/08/25 09:21
Soluble	Analysis	300.0		1	99777	CH	EET MID	01/08/25 12:30

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301H

Job ID: 890-7544-1
SDG: BUCKEYE

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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Method Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301H

Job ID: 890-7544-1
SDG: BUCKEYE

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301H

Job ID: 890-7544-1
SDG: BUCKEYE

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7544-1	SS 79 @ 2'	Solid	01/06/25 14:12	01/07/25 15:20	2'
890-7544-2	SS 82 @ 2'	Solid	01/06/25 14:24	01/07/25 15:20	2'
890-7544-3	SS 115 @ 2'	Solid	01/06/25 15:36	01/07/25 15:20	2'
890-7544-4	SS 89 @ 2'	Solid	01/07/25 09:12	01/07/25 15:20	2'

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
 Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
 EL Paso, TX (915) 595-3443, Lubbock, TX (806) 794-1298
 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3799
 Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 1 of 1

Project Manager: <u>Michael Wicker</u>		Bill to: (if different) <u>EDH CONSULTING</u>	
Company Name: <u>Carlo J & Co</u>		Company Name:	
Address:		Address:	
City, State ZIP:		City, State ZIP:	
Phone: <u>616-970-8459</u>		Email: <u>AWicker@edhconsult.com</u>	

Project Name: <u>CLOSE ENCOUNTERS 301H</u>	Turn Around ☐ Routine ☒ Rush	Pres. Code
Project Number:	Due Date: <u>11-8-2025</u>	
Project Location: <u>Buckeye NM</u>	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name: <u>Darvash Quito</u>		
PO #:		

SAMPLE RECEIPT		Temp Blank: Yes ☒ No ☐		Wet Ice: Yes ☒ No ☐	
Samples Received Intact:	Yes ☒ No ☐	Thermometer ID:	<u>TW0007</u>		
Cooler Custody Seals:	Yes ☒ No ☐	Correction Factor:	<u>-0.2</u>		
Sample Custody Seals:	Yes ☒ No ☐	Temperature Reading:	<u>4.0</u>		
Total Containers:		Corrected Temperature:	<u>3.8</u>		

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters	Analysis Request	Preservative Codes	Sample Comments
5579021	S	1-6-2025	14:12	2'	C	1			None: NO	DI-Water: H ₂ O
5582021	S	1-6-2025	14:24	2'	C	1			Cool: Cool	MeOH: Me
55115021	S	1-6-2025	15:30	2'	C	1			HCL: HC	HNO ₃
5589021	S	1-7-2025	9:12	2'	C	1			H ₂ SO ₄ : H ₂	NaOH: Na
									H ₃ PO ₄ : HP	
									NaHSO ₄ : NABIS	
									Na ₂ S ₂ O ₃ : NaSO ₃	
									Zn Acetate+NaOH: Zn	
									NaOH+Ascorbic Acid: SAPC	

Total 200.7 / 6010 200.8 / 6020:		8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn	
Circle Method(s) and Metal(s) to be analyzed		TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471	

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$65.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature) <u>Darvash Quito</u>	Received by: (Signature) <u>Burns</u>	Date/Time <u>11/7/2020</u>	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
3		4			
5		6			

Revised Date: 08/25/2020 Rev. 2020.2

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7544-1

SDG Number: BUCKEYE

Login Number: 7544

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7544-1

SDG Number: BUCKEYE

Login Number: 7544

List Number: 2

Creator: Rios, Minerva

List Source: Eurofins Midland

List Creation: 01/08/25 08:54 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Michael Wicker
CDH Consulting
9446 Clermont St,
Thornton, Colorado 80229
Generated 12/20/2024 3:02:55 PM

JOB DESCRIPTION

CLOSE ENCOUNTER 301 H
BUCKEYE

JOB NUMBER

890-7492-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

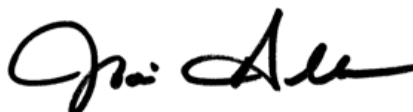
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
12/20/2024 3:02:55 PM

Authorized for release by
Jodi Allen, Project Manager I
Jodi.Allen@et.eurofinsus.com
(281)520-2865

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Laboratory Job ID: 890-7492-1
SDG: BUCKEYE

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Definitions/Glossary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1

Eurofins Carlsbad

Job Narrative 890-7492-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 12/19/2024 3:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 64 (890-7492-3), SS 80 (890-7492-4), SS 262 (890-7492-5), SS 320 (890-7492-6), SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11), SS 495 (890-7492-12), SS 129 (890-7492-13), SS 154 (890-7492-14), SS 504 (890-7492-15), SS 398 (890-7492-16), SS 183 (890-7492-17), SS 200 (890-7492-18), SS 435 (890-7492-19), SS 477 (890-7492-20), SS 176 (890-7492-21), SS 138 (890-7492-22) and SS 420 (890-7492-23).

GC VOA

Method 8021B: The following samples were diluted due to physical characteristics such as color, odor, appearance, viscosity, etc. >>: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 80 (890-7492-4), SS 262 (890-7492-5) and SS 320 (890-7492-6). Elevated reporting limits (RL) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 01 (890-7492-1), SS 20 (890-7492-2) and SS 64 (890-7492-3). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 398 (890-7492-16) and SS 200 (890-7492-18). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SS 176 (890-7492-21). Evidence of matrix interferences is not obvious.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11) and SS 495 (890-7492-12). Elevated reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 46 (890-7492-8), SS 290 (890-7492-10) and SS 495 (890-7492-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: SS 504 (890-7492-15). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-98402/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98402 and analytical batch 880-98425 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within

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Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1 (Continued)

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acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SS 262 (890-7492-5). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Due to the high concentration of Diesel Range Organics (Over C10-C28), the matrix spike (MS) for preparation batch 880-98403 and analytical batch 880-98427 could not be evaluated for accuracy. The associated matrix spike duplicate (MSD) met acceptance criteria.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SS 477 (890-7492-20), (LCS 880-98403/2-A) and (LCSD 880-98403/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The method blank for preparation batch 880-98404 and analytical batch 880-98430 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-98404/2-A) and (LCSD 880-98404/3-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-98404 and analytical batch 880-98430 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The laboratory control sample (LCS) for preparation batch 880-98403 and analytical batch 880-98427 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10. Since only an acceptable LCSD is required per the method, the LCSD shows recovery for the batch and the data has been qualified and reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98374 and analytical batch 880-98376 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01

Lab Sample ID: 890-7492-1

Date Collected: 12/19/24 08:20

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0101	U	0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Ethylbenzene	0.0947		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Toluene	0.0306		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Xylenes, Total	1.81		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
m-Xylene & p-Xylene	0.0449		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
o-Xylene	1.77		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 11:51	20
1,4-Difluorobenzene (Surr)	124		70 - 130	12/20/24 08:24	12/20/24 11:51	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.94		0.0202		mg/Kg			12/20/24 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	287		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	287		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	12/19/24 21:26	12/20/24 12:09	1
o-Terphenyl	86		70 - 130	12/19/24 21:26	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17600		199		mg/Kg			12/20/24 10:49	20

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Ethylbenzene	0.0420		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Toluene	0.0216		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Xylenes, Total	0.350		0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
m-Xylene & p-Xylene	<0.0401	U	0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
o-Xylene	0.350		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	12/20/24 08:24	12/20/24 14:15	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	136	S1+	70 - 130	12/20/24 08:24	12/20/24 14:15	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.414		0.0401		mg/Kg			12/20/24 14:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	110		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	110		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				12/19/24 21:26	12/20/24 12:23	1
o-Terphenyl	77		70 - 130				12/19/24 21:26	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300	F1	49.9		mg/Kg			12/20/24 10:58	5

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Ethylbenzene	0.242		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Toluene	0.0581		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Xylenes, Total	0.781		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
m-Xylene & p-Xylene	0.189		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
o-Xylene	0.592		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20
1,4-Difluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.08		0.0795		mg/Kg			12/20/24 12:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	631		50.0		mg/Kg			12/20/24 09:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Diesel Range Organics (Over C10-C28)	631	F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 09:40	1
o-Terphenyl	78		70 - 130				12/19/24 21:28	12/20/24 09:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3110		50.2		mg/Kg			12/20/24 11:54	5

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Ethylbenzene	0.0344		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Toluene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Xylenes, Total	0.680		0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
m-Xylene & p-Xylene	<0.0399	U	0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
o-Xylene	0.680		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				12/20/24 08:24	12/20/24 14:36	10
1,4-Difluorobenzene (Surr)	106		70 - 130				12/20/24 08:24	12/20/24 14:36	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.714		0.0399		mg/Kg			12/20/24 14:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	188		50.0		mg/Kg			12/20/24 10:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Diesel Range Organics (Over C10-C28)	188		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				12/19/24 21:28	12/20/24 10:24	1
o-Terphenyl	74		70 - 130				12/19/24 21:28	12/20/24 10:24	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3070		100		mg/Kg			12/20/24 11:30	10

Client Sample ID: SS 262

Lab Sample ID: 890-7492-5

Date Collected: 12/19/24 08:59

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Ethylbenzene	0.966		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Toluene	0.415		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Xylenes, Total	1.51		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
m-Xylene & p-Xylene	0.756		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
o-Xylene	0.754		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				12/20/24 08:24	12/20/24 13:14	50
1,4-Difluorobenzene (Surr)	122		70 - 130				12/20/24 08:24	12/20/24 13:14	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.89		0.202		mg/Kg			12/20/24 13:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	463		50.0		mg/Kg			12/20/24 10:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Diesel Range Organics (Over C10-C28)	463		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				12/19/24 21:28	12/20/24 10:38	1
o-Terphenyl	69	S1-	70 - 130				12/19/24 21:28	12/20/24 10:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4470		99.4		mg/Kg			12/20/24 11:48	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 320

Lab Sample ID: 890-7492-6

Date Collected: 12/19/24 09:04

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0503	U	0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Ethylbenzene	0.537		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Toluene	0.125		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Xylenes, Total	1.20		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
m-Xylene & p-Xylene	0.454		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
o-Xylene	0.746		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				12/20/24 08:24	12/20/24 13:34	25
1,4-Difluorobenzene (Surr)	126		70 - 130				12/20/24 08:24	12/20/24 13:34	25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.86		0.101		mg/Kg			12/20/24 13:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	876		49.7		mg/Kg			12/20/24 10:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Diesel Range Organics (Over C10-C28)	876		49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				12/19/24 21:28	12/20/24 10:53	1
o-Terphenyl	75		70 - 130				12/19/24 21:28	12/20/24 10:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3410		49.8		mg/Kg			12/20/24 11:59	5

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.199	U	0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Ethylbenzene	1.92		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Toluene	0.602		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Xylenes, Total	3.04		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
m-Xylene & p-Xylene	1.78		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
o-Xylene	1.26		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				12/20/24 08:27	12/20/24 12:24	100

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	100		70 - 130	12/20/24 08:27	12/20/24 12:24	100

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	5.56		0.398		mg/Kg			12/20/24 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2500		49.8		mg/Kg			12/20/24 11:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.7		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Diesel Range Organics (Over C10-C28)	2410		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:08	1
o-Terphenyl	95		70 - 130				12/19/24 21:28	12/20/24 11:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3680		49.6		mg/Kg			12/20/24 12:06	5

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.11		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Ethylbenzene	9.28		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Toluene	7.96		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Xylenes, Total	10.9		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
m-Xylene & p-Xylene	6.88		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
o-Xylene	4.05		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130	12/20/24 08:27	12/20/24 12:45	50
1,4-Difluorobenzene (Surr)	94		70 - 130	12/20/24 08:27	12/20/24 12:45	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	29.3		0.200		mg/Kg			12/20/24 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1330		49.9		mg/Kg			12/20/24 11:25	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	95.0		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Diesel Range Organics (Over C10-C28)	1230		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:25	1
o-Terphenyl	81		70 - 130				12/19/24 21:28	12/20/24 11:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5420		101		mg/Kg			12/20/24 12:11	10

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Ethylbenzene	1.52		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Toluene	0.807		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Xylenes, Total	4.70		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
m-Xylene & p-Xylene	3.88		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
o-Xylene	0.815		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				12/20/24 08:27	12/20/24 13:05	50
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:27	12/20/24 13:05	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	7.02		0.202		mg/Kg			12/20/24 13:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	60.0		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Diesel Range Organics (Over C10-C28)	1450		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:40	1
o-Terphenyl	86		70 - 130				12/19/24 21:28	12/20/24 11:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5250		99.4		mg/Kg			12/20/24 12:17	10

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.151		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Ethylbenzene	3.30		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Toluene	1.75		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Xylenes, Total	4.33		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
m-Xylene & p-Xylene	2.60		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
o-Xylene	1.73		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:27	12/20/24 13:25	50
1,4-Difluorobenzene (Surr)	100		70 - 130				12/20/24 08:27	12/20/24 13:25	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	9.53		0.201		mg/Kg			12/20/24 13:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2470		49.8		mg/Kg			12/20/24 11:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	129		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Diesel Range Organics (Over C10-C28)	2340		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				12/19/24 21:28	12/20/24 11:54	1
o-Terphenyl	105		70 - 130				12/19/24 21:28	12/20/24 11:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5400		99.8		mg/Kg			12/20/24 12:23	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.106		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Ethylbenzene	3.81		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Toluene	1.12		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Xylenes, Total	5.28		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
m-Xylene & p-Xylene	3.48		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
o-Xylene	1.80		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	12/20/24 08:27	12/20/24 13:46	50
1,4-Difluorobenzene (Surr)	99		70 - 130	12/20/24 08:27	12/20/24 13:46	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	10.3		0.200		mg/Kg			12/20/24 13:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3950		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	154		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	3800		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	12/19/24 21:28	12/20/24 12:09	1
o-Terphenyl	121		70 - 130	12/19/24 21:28	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4280		49.9		mg/Kg			12/20/24 12:29	5

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0994	U	0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Ethylbenzene	5.40		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Toluene	1.34		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Xylenes, Total	7.57		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
m-Xylene & p-Xylene	4.90		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
o-Xylene	2.67		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130	12/20/24 08:27	12/20/24 14:06	50

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	12/20/24 08:27	12/20/24 14:06	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	14.3		0.199		mg/Kg			12/20/24 14:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3070		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	177		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	2890		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:28	12/20/24 12:23	1
o-Terphenyl	108		70 - 130				12/19/24 21:28	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3660		49.6		mg/Kg			12/20/24 08:36	5

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Ethylbenzene	0.0238		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Toluene	0.00837		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Xylenes, Total	0.0306		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
m-Xylene & p-Xylene	0.0204		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
o-Xylene	0.0102		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	12/20/24 08:33	12/20/24 11:49	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/20/24 08:33	12/20/24 11:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0628		0.00404		mg/Kg			12/20/24 11:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	538		49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Diesel Range Organics (Over C10-C28)	538	F1	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 11:11	1
o-Terphenyl	79		70 - 130				12/19/24 21:30	12/20/24 11:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3350		50.0		mg/Kg			12/20/24 08:43	5

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Ethylbenzene	0.0475		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Toluene	0.0124		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Xylenes, Total	0.0632		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
m-Xylene & p-Xylene	0.0373		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
o-Xylene	0.0259		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				12/20/24 08:33	12/20/24 12:10	1
1,4-Difluorobenzene (Surr)	93		70 - 130				12/20/24 08:33	12/20/24 12:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.123		0.00401		mg/Kg			12/20/24 12:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2710		49.8		mg/Kg			12/20/24 12:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Diesel Range Organics (Over C10-C28)	2710		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 12:00	1
o-Terphenyl	120		70 - 130				12/19/24 21:30	12/20/24 12:00	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1710		50.3		mg/Kg			12/20/24 08:50	5

Client Sample ID: SS 504

Lab Sample ID: 890-7492-15

Date Collected: 12/19/24 11:40

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Ethylbenzene	0.563		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Toluene	0.173		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Xylenes, Total	0.464		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
m-Xylene & p-Xylene	0.290		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
o-Xylene	0.174		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				12/20/24 08:33	12/20/24 13:32	10
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:33	12/20/24 13:32	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.20		0.0398		mg/Kg			12/20/24 13:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 12:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Diesel Range Organics (Over C10-C28)	1510		50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				12/19/24 21:30	12/20/24 12:15	1
o-Terphenyl	97		70 - 130				12/19/24 21:30	12/20/24 12:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2990		50.0		mg/Kg			12/20/24 09:12	5

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 398

Lab Sample ID: 890-7492-16

Date Collected: 12/19/24 11:27

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0262		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Ethylbenzene	0.199		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Toluene	0.168		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Xylenes, Total	0.269		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
m-Xylene & p-Xylene	0.158		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
o-Xylene	0.111		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	12/20/24 08:33	12/20/24 12:30	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:33	12/20/24 12:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.662		0.00399		mg/Kg			12/20/24 12:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3130		49.9		mg/Kg			12/20/24 12:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.1	*+	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Diesel Range Organics (Over C10-C28)	3040		49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	12/19/24 21:30	12/20/24 12:31	1
o-Terphenyl	120		70 - 130	12/19/24 21:30	12/20/24 12:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2960		50.1		mg/Kg			12/20/24 09:19	5

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Ethylbenzene	0.0487		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Toluene	0.00442		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Xylenes, Total	0.0402		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
m-Xylene & p-Xylene	0.0276		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
o-Xylene	0.0126		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	12/20/24 08:33	12/20/24 12:51	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	75		70 - 130	12/20/24 08:33	12/20/24 12:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0933		0.00404		mg/Kg			12/20/24 12:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	311		49.8		mg/Kg			12/20/24 12:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Diesel Range Organics (Over C10-C28)	311		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				12/19/24 21:30	12/20/24 12:47	1
o-Terphenyl	77		70 - 130				12/19/24 21:30	12/20/24 12:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.8		9.96		mg/Kg			12/20/24 09:26	1

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Ethylbenzene	0.191		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Toluene	0.110		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Xylenes, Total	0.265		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
m-Xylene & p-Xylene	0.156		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
o-Xylene	0.109		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130	12/20/24 08:33	12/20/24 13:11	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 13:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.566		0.00402		mg/Kg			12/20/24 13:11	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2050		49.9		mg/Kg			12/20/24 13:03	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Diesel Range Organics (Over C10-C28)	2050		49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				12/19/24 21:30	12/20/24 13:03	1
o-Terphenyl	106		70 - 130				12/19/24 21:30	12/20/24 13:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	930		10.0		mg/Kg			12/20/24 09:33	1

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Ethylbenzene	0.00665		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Toluene	0.00205		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Xylenes, Total	0.0105		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
m-Xylene & p-Xylene	0.00628		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
o-Xylene	0.00418		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				12/20/24 08:30	12/20/24 12:07	1
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 12:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0192		0.00404		mg/Kg			12/20/24 12:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	601		49.7		mg/Kg			12/20/24 13:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U **	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Diesel Range Organics (Over C10-C28)	601		49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				12/19/24 21:30	12/20/24 13:20	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 13:20	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3030		49.7		mg/Kg			12/20/24 09:40	5

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Xylenes, Total	0.133		0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
o-Xylene	0.133		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				12/20/24 08:30	12/20/24 12:27	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/20/24 08:30	12/20/24 12:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.133		0.00401		mg/Kg			12/20/24 12:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/20/24 13:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 13:36	1
o-Terphenyl	66	S1-	70 - 130				12/19/24 21:30	12/20/24 13:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		10.0		mg/Kg			12/20/24 09:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Ethylbenzene	0.950		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Toluene	0.199		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Xylenes, Total	1.58		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
m-Xylene & p-Xylene	0.943		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
o-Xylene	0.636		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	193	S1+	70 - 130	12/20/24 08:30	12/20/24 13:28	10
1,4-Difluorobenzene (Surr)	104		70 - 130	12/20/24 08:30	12/20/24 13:28	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.73		0.0398		mg/Kg			12/20/24 13:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2110		49.8		mg/Kg			12/20/24 13:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Diesel Range Organics (Over C10-C28)	2110		49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	12/19/24 21:30	12/20/24 13:52	1
o-Terphenyl	112		70 - 130	12/19/24 21:30	12/20/24 13:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	812		9.98		mg/Kg			12/20/24 10:09	1

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Ethylbenzene	0.0120		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Toluene	0.00377		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Xylenes, Total	0.0233		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
m-Xylene & p-Xylene	0.0102		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
o-Xylene	0.0131		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	12/20/24 08:30	12/20/24 12:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130	12/20/24 08:30	12/20/24 12:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0391		0.00399		mg/Kg			12/20/24 12:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	573		49.8		mg/Kg			12/20/24 14:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Diesel Range Organics (Over C10-C28)	573		49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 14:07	1
o-Terphenyl	78		70 - 130				12/19/24 21:30	12/20/24 14:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2650		50.1		mg/Kg			12/20/24 10:16	5

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Xylenes, Total	0.0889		0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
o-Xylene	0.0889		0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	12/20/24 08:30	12/20/24 13:08	1
1,4-Difluorobenzene (Surr)	91		70 - 130	12/20/24 08:30	12/20/24 13:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0889		0.00404		mg/Kg			12/20/24 13:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 420
Date Collected: 12/19/24 12:22
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-23
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	104		70 - 130				12/19/24 21:32	12/20/24 11:11	1	
o-Terphenyl	109		70 - 130				12/19/24 21:32	12/20/24 11:11	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	162		9.94		mg/Kg			12/20/24 10:38	1	

Surrogate Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
890-7492-1	SS 01	131 S1+	124
890-7492-2	SS 20	128	136 S1+
890-7492-3	SS 64	137 S1+	131 S1+
890-7492-4	SS 80	144 S1+	106
890-7492-5	SS 262	125	122
890-7492-6	SS 320	126	126
890-7492-7	SS 488	106	100
890-7492-8	SS 46	171 S1+	94
890-7492-9	SS 107	107	101
890-7492-10	SS 290	131 S1+	100
890-7492-11	SS 339	122	99
890-7492-12	SS 495	139 S1+	104
890-7492-13	SS 129	109	95
890-7492-14	SS 154	99	93
890-7492-15	SS 504	110	94
890-7492-16	SS 398	141 S1+	96
890-7492-17	SS 183	88	75
890-7492-18	SS 200	159 S1+	93
890-7492-19	SS 435	113	104
890-7492-20	SS 477	98	95
890-7492-21	SS 176	193 S1+	104
890-7492-22	SS 138	115	103
890-7492-23	SS 420	95	91
LCS 880-98432/1-A	Lab Control Sample	101	96
LCS 880-98433/1-A	Lab Control Sample	96	103
LCS 880-98434/1-A	Lab Control Sample	107	104
LCS 880-98435/1-A	Lab Control Sample	106	99
LCSD 880-98432/2-A	Lab Control Sample Dup	103	99
LCSD 880-98433/2-A	Lab Control Sample Dup	94	103
LCSD 880-98434/2-A	Lab Control Sample Dup	109	103
LCSD 880-98435/2-A	Lab Control Sample Dup	108	98
MB 880-98432/5-A	Method Blank	112	85
MB 880-98433/5-A	Method Blank	98	96
MB 880-98434/5-A	Method Blank	111	101
MB 880-98435/5-A	Method Blank	92	93
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1	OTPH1
		(70-130)	(70-130)
890-7492-1	SS 01	83	86
890-7492-2	SS 20	76	77
890-7492-3	SS 64	75	78
890-7492-3 MS	SS 64	78	76

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Surrogate Summary

Client: CDH Consulting

Job ID: 890-7492-1

Project/Site: CLOSE ENCOUNTER 301 H

SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-3 MSD	SS 64	77	76
890-7492-4	SS 80	73	74
890-7492-5	SS 262	70	69 S1-
890-7492-6	SS 320	74	75
890-7492-7	SS 488	75	95
890-7492-8	SS 46	75	81
890-7492-9	SS 107	75	86
890-7492-10	SS 290	85	105
890-7492-11	SS 339	84	121
890-7492-12	SS 495	88	108
890-7492-13	SS 129	84	79
890-7492-13 MS	SS 129	80	81
890-7492-13 MSD	SS 129	79	81
890-7492-14	SS 154	84	120
890-7492-15	SS 504	92	97
890-7492-16	SS 398	85	120
890-7492-17	SS 183	87	77
890-7492-18	SS 200	82	106
890-7492-19	SS 435	77	74
890-7492-20	SS 477	81	66 S1-
890-7492-21	SS 176	88	112
890-7492-22	SS 138	81	78
890-7492-23	SS 420	104	109
890-7492-23 MS	SS 420	92	99
890-7492-23 MSD	SS 420	92	99
LCS 880-98401/2-A	Lab Control Sample	118	102
LCS 880-98402/2-A	Lab Control Sample	121	104
LCS 880-98403/2-A	Lab Control Sample	136 S1+	123
LCS 880-98404/2-A	Lab Control Sample	158 S1+	172 S1+
LCSD 880-98401/3-A	Lab Control Sample Dup	110	95
LCSD 880-98402/3-A	Lab Control Sample Dup	145 S1+	123
LCSD 880-98403/3-A	Lab Control Sample Dup	133 S1+	120
LCSD 880-98404/3-A	Lab Control Sample Dup	166 S1+	175 S1+
MB 880-98401/1-A	Method Blank	81	80
MB 880-98402/1-A	Method Blank	75	75
MB 880-98403/1-A	Method Blank	91	74
MB 880-98404/1-A	Method Blank	93	96

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-98432/5-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	12/20/24 08:24	12/20/24 11:08	1
1,4-Difluorobenzene (Surr)	85		70 - 130	12/20/24 08:24	12/20/24 11:08	1

Lab Sample ID: LCS 880-98432/1-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1137		mg/Kg		114	70 - 130
Ethylbenzene	0.100	0.1107		mg/Kg		111	70 - 130
Toluene	0.100	0.1082		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2221		mg/Kg		111	70 - 130
o-Xylene	0.100	0.1128		mg/Kg		113	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-98432/2-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1182		mg/Kg		118	70 - 130	4	35
Ethylbenzene	0.100	0.1145		mg/Kg		114	70 - 130	3	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2282		mg/Kg		114	70 - 130	3	35
o-Xylene	0.100	0.1165		mg/Kg		117	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	12/20/24 08:27	12/20/24 11:02	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:27	12/20/24 11:02	1

Lab Sample ID: LCS 880-98433/1-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1001		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09410		mg/Kg		94	70 - 130
Toluene	0.100	0.09371		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1885		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09536		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-98433/2-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1048		mg/Kg		105	70 - 130	5	35
Ethylbenzene	0.100	0.09886		mg/Kg		99	70 - 130	5	35
Toluene	0.100	0.09817		mg/Kg		98	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1969		mg/Kg		98	70 - 130	4	35
o-Xylene	0.100	0.09974		mg/Kg		100	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	111		70 - 130				12/20/24 08:30	12/20/24 11:25	1
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:30	12/20/24 11:25	1

Lab Sample ID: LCS 880-98434/1-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits		
		Result	Qualifier						
Benzene	0.100	0.1149		mg/Kg		115	70 - 130		
Ethylbenzene	0.100	0.1100		mg/Kg		110	70 - 130		
Toluene	0.100	0.1116		mg/Kg		112	70 - 130		
m-Xylene & p-Xylene	0.200	0.2234		mg/Kg		112	70 - 130		
o-Xylene	0.100	0.1142		mg/Kg		114	70 - 130		
Surrogate	LCS	LCS	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	107		70 - 130						
1,4-Difluorobenzene (Surr)	104		70 - 130						

Lab Sample ID: LCSD 880-98434/2-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.1162		mg/Kg		116	70 - 130	1	35
Ethylbenzene	0.100	0.1102		mg/Kg		110	70 - 130	0	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2247		mg/Kg		112	70 - 130	1	35
o-Xylene	0.100	0.1148		mg/Kg		115	70 - 130	1	35
Surrogate	LCSD	LCSD	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	109		70 - 130						
1,4-Difluorobenzene (Surr)	103		70 - 130						

Lab Sample ID: MB 880-98435/5-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98435

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac		
4-Bromofluorobenzene (Surr)	92		70 - 130	12/20/24 08:33	12/20/24 11:07	1			
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 11:07	1			

Lab Sample ID: LCS 880-98435/1-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1025		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.1037		mg/Kg		104	70 - 130
Toluene	0.100	0.1077		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2015		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1117		mg/Kg		112	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-98435/2-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1068		mg/Kg		107	70 - 130	4	35
Ethylbenzene	0.100	0.1065		mg/Kg		107	70 - 130	3	35
Toluene	0.100	0.1103		mg/Kg		110	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2041		mg/Kg		102	70 - 130	1	35
o-Xylene	0.100	0.1136		mg/Kg		114	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-98401/1-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98401

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil	Fac
1-Chlorooctane	81		70 - 130	12/19/24 21:26	12/20/24 00:11	1	
o-Terphenyl	80		70 - 130	12/19/24 21:26	12/20/24 00:11	1	

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98401/2-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98401

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1058		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	960.9		mg/Kg		96	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	118		70 - 130				
o-Terphenyl	102		70 - 130				

Lab Sample ID: LCSD 880-98401/3-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98401

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1005		mg/Kg		101	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	903.5		mg/Kg		90	70 - 130	6	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	110		70 - 130						
o-Terphenyl	95		70 - 130						

Lab Sample ID: MB 880-98402/1-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 98402

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1-Chlorooctane	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	
o-Terphenyl	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	

Lab Sample ID: LCS 880-98402/2-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1061		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1028		mg/Kg		103	70 - 130

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98402/2-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98402

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: LCSD 880-98402/3-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1288		mg/Kg		129	70 - 130	19	20
Diesel Range Organics (Over C10-C28)	1000	1231		mg/Kg		123	70 - 130	18	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	145	S1+	70 - 130
o-Terphenyl	123		70 - 130

Lab Sample ID: 890-7492-3 MS

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: SS 64

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	665.3	F1	mg/Kg		67	70 - 130
Diesel Range Organics (Over C10-C28)	631	F1	998	1155	F1	mg/Kg		53	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	78		70 - 130
o-Terphenyl	76		70 - 130

Lab Sample ID: 890-7492-3 MSD

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: SS 64

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	660.4	F1	mg/Kg		66	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	631	F1	998	1141	F1	mg/Kg		51	70 - 130	1	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	77		70 - 130
o-Terphenyl	76		70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-98403/1-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98403

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				12/19/24 21:30	12/20/24 09:12	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 09:12	1

Lab Sample ID: LCS 880-98403/2-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1333	*+	mg/Kg		133	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1178		mg/Kg		118	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	136	S1+	70 - 130				
o-Terphenyl	123		70 - 130				

Lab Sample ID: LCSD 880-98403/3-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1180		mg/Kg		118	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	1000	1166		mg/Kg		117	70 - 130	1	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	133	S1+	70 - 130						
o-Terphenyl	120		70 - 130						

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	997	729.6		mg/Kg		73	70 - 130
Diesel Range Organics (Over C10-C28)	538	F1	997	1207	F1	mg/Kg		67	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	80		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: 890-7492-13 MSD

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	997	855.4		mg/Kg		86	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	538	F1	997	1282		mg/Kg		75	70 - 130	6	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	79		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: MB 880-98404/1-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98404

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	93		70 - 130	12/19/24 21:32	12/20/24 09:12	1			
o-Terphenyl	96		70 - 130	12/19/24 21:32	12/20/24 09:12	1			

Lab Sample ID: LCS 880-98404/2-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1398	*+	mg/Kg		140	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1468	*+	mg/Kg		147	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	158	S1+	70 - 130
o-Terphenyl	172	S1+	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-98404/3-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1465	*+	mg/Kg		147	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	1590	*+	mg/Kg		159	70 - 130	8	20
		LCSD	LCSD						
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane	166	S1+	70 - 130						
o-Terphenyl	175	S1+	70 - 130						

Lab Sample ID: 890-7492-23 MS

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: SS 420

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	781.1		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	867.3		mg/Kg		84	70 - 130		
		MS	MS								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Lab Sample ID: 890-7492-23 MSD

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: SS 420

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	804.1		mg/Kg		80	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	863.1		mg/Kg		84	70 - 130	0	20
		MSD	MSD								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-98374/1-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 08:34	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-98374/2-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.6		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-98374/3-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	245.0		mg/Kg		98	90 - 110	2	20

Lab Sample ID: 890-7492-2 MS

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1300	F1	1250	3073	F1	mg/Kg		142	90 - 110

Lab Sample ID: 890-7492-2 MSD

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1300	F1	1250	3070	F1	mg/Kg		142	90 - 110	0	20

Lab Sample ID: MB 880-98373/1-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 03:00	1

Lab Sample ID: LCS 880-98373/2-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	258.6		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-98373/3-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	257.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-7492-20 MS

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: SS 477

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	126		257	387.5		mg/Kg		102	90 - 110

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-7492-20 MSD							Client Sample ID: SS 477					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 98377												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	126		248	372.8		mg/Kg		100	90 - 110	4	20	

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA

Analysis Batch: 98350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-2	SS 20	Total/NA	Solid	8021B	98432
890-7492-3	SS 64	Total/NA	Solid	8021B	98432
890-7492-4	SS 80	Total/NA	Solid	8021B	98432
890-7492-5	SS 262	Total/NA	Solid	8021B	98432
890-7492-6	SS 320	Total/NA	Solid	8021B	98432
MB 880-98432/5-A	Method Blank	Total/NA	Solid	8021B	98432
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	8021B	98432
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98432

Analysis Batch: 98351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	8021B	98433
890-7492-8	SS 46	Total/NA	Solid	8021B	98433
890-7492-9	SS 107	Total/NA	Solid	8021B	98433
890-7492-10	SS 290	Total/NA	Solid	8021B	98433
890-7492-11	SS 339	Total/NA	Solid	8021B	98433
890-7492-12	SS 495	Total/NA	Solid	8021B	98433
MB 880-98433/5-A	Method Blank	Total/NA	Solid	8021B	98433
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	8021B	98433
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98433

Analysis Batch: 98352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	8021B	98434
890-7492-20	SS 477	Total/NA	Solid	8021B	98434
890-7492-21	SS 176	Total/NA	Solid	8021B	98434
890-7492-22	SS 138	Total/NA	Solid	8021B	98434
890-7492-23	SS 420	Total/NA	Solid	8021B	98434
MB 880-98434/5-A	Method Blank	Total/NA	Solid	8021B	98434
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	8021B	98434
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98434

Analysis Batch: 98353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8021B	98435
890-7492-14	SS 154	Total/NA	Solid	8021B	98435
890-7492-15	SS 504	Total/NA	Solid	8021B	98435
890-7492-16	SS 398	Total/NA	Solid	8021B	98435
890-7492-17	SS 183	Total/NA	Solid	8021B	98435
890-7492-18	SS 200	Total/NA	Solid	8021B	98435
MB 880-98435/5-A	Method Blank	Total/NA	Solid	8021B	98435
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	8021B	98435
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98435

Prep Batch: 98432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	5035	
890-7492-2	SS 20	Total/NA	Solid	5035	
890-7492-3	SS 64	Total/NA	Solid	5035	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Prep Batch: 98432 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-4	SS 80	Total/NA	Solid	5035	
890-7492-5	SS 262	Total/NA	Solid	5035	
890-7492-6	SS 320	Total/NA	Solid	5035	
MB 880-98432/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	5035	
890-7492-8	SS 46	Total/NA	Solid	5035	
890-7492-9	SS 107	Total/NA	Solid	5035	
890-7492-10	SS 290	Total/NA	Solid	5035	
890-7492-11	SS 339	Total/NA	Solid	5035	
890-7492-12	SS 495	Total/NA	Solid	5035	
MB 880-98433/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	5035	
890-7492-20	SS 477	Total/NA	Solid	5035	
890-7492-21	SS 176	Total/NA	Solid	5035	
890-7492-22	SS 138	Total/NA	Solid	5035	
890-7492-23	SS 420	Total/NA	Solid	5035	
MB 880-98434/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	5035	
890-7492-14	SS 154	Total/NA	Solid	5035	
890-7492-15	SS 504	Total/NA	Solid	5035	
890-7492-16	SS 398	Total/NA	Solid	5035	
890-7492-17	SS 183	Total/NA	Solid	5035	
890-7492-18	SS 200	Total/NA	Solid	5035	
MB 880-98435/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 98498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	Total BTEX	
890-7492-2	SS 20	Total/NA	Solid	Total BTEX	
890-7492-3	SS 64	Total/NA	Solid	Total BTEX	
890-7492-4	SS 80	Total/NA	Solid	Total BTEX	
890-7492-5	SS 262	Total/NA	Solid	Total BTEX	
890-7492-6	SS 320	Total/NA	Solid	Total BTEX	
890-7492-7	SS 488	Total/NA	Solid	Total BTEX	

Eurofins Carlsbad

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Analysis Batch: 98498 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-8	SS 46	Total/NA	Solid	Total BTEX	
890-7492-9	SS 107	Total/NA	Solid	Total BTEX	
890-7492-10	SS 290	Total/NA	Solid	Total BTEX	
890-7492-11	SS 339	Total/NA	Solid	Total BTEX	
890-7492-12	SS 495	Total/NA	Solid	Total BTEX	
890-7492-13	SS 129	Total/NA	Solid	Total BTEX	
890-7492-14	SS 154	Total/NA	Solid	Total BTEX	
890-7492-15	SS 504	Total/NA	Solid	Total BTEX	
890-7492-16	SS 398	Total/NA	Solid	Total BTEX	
890-7492-17	SS 183	Total/NA	Solid	Total BTEX	
890-7492-18	SS 200	Total/NA	Solid	Total BTEX	
890-7492-19	SS 435	Total/NA	Solid	Total BTEX	
890-7492-20	SS 477	Total/NA	Solid	Total BTEX	
890-7492-21	SS 176	Total/NA	Solid	Total BTEX	
890-7492-22	SS 138	Total/NA	Solid	Total BTEX	
890-7492-23	SS 420	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 98401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015NM Prep	
890-7492-2	SS 20	Total/NA	Solid	8015NM Prep	
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 98402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-4	SS 80	Total/NA	Solid	8015NM Prep	
890-7492-5	SS 262	Total/NA	Solid	8015NM Prep	
890-7492-6	SS 320	Total/NA	Solid	8015NM Prep	
890-7492-7	SS 488	Total/NA	Solid	8015NM Prep	
890-7492-8	SS 46	Total/NA	Solid	8015NM Prep	
890-7492-9	SS 107	Total/NA	Solid	8015NM Prep	
890-7492-10	SS 290	Total/NA	Solid	8015NM Prep	
890-7492-11	SS 339	Total/NA	Solid	8015NM Prep	
890-7492-12	SS 495	Total/NA	Solid	8015NM Prep	
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-3 MS	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-3 MSD	SS 64	Total/NA	Solid	8015NM Prep	

Prep Batch: 98403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-14	SS 154	Total/NA	Solid	8015NM Prep	
890-7492-15	SS 504	Total/NA	Solid	8015NM Prep	
890-7492-16	SS 398	Total/NA	Solid	8015NM Prep	

Eurofins Carlsbad

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Prep Batch: 98403 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-17	SS 183	Total/NA	Solid	8015NM Prep	
890-7492-18	SS 200	Total/NA	Solid	8015NM Prep	
890-7492-19	SS 435	Total/NA	Solid	8015NM Prep	
890-7492-20	SS 477	Total/NA	Solid	8015NM Prep	
890-7492-21	SS 176	Total/NA	Solid	8015NM Prep	
890-7492-22	SS 138	Total/NA	Solid	8015NM Prep	
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-13 MS	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-13 MSD	SS 129	Total/NA	Solid	8015NM Prep	

Prep Batch: 98404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015NM Prep	
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-23 MS	SS 420	Total/NA	Solid	8015NM Prep	
890-7492-23 MSD	SS 420	Total/NA	Solid	8015NM Prep	

Analysis Batch: 98423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015B NM	98401
890-7492-2	SS 20	Total/NA	Solid	8015B NM	98401
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015B NM	98401
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98401
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98401

Analysis Batch: 98425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-4	SS 80	Total/NA	Solid	8015B NM	98402
890-7492-5	SS 262	Total/NA	Solid	8015B NM	98402
890-7492-6	SS 320	Total/NA	Solid	8015B NM	98402
890-7492-7	SS 488	Total/NA	Solid	8015B NM	98402
890-7492-8	SS 46	Total/NA	Solid	8015B NM	98402
890-7492-9	SS 107	Total/NA	Solid	8015B NM	98402
890-7492-10	SS 290	Total/NA	Solid	8015B NM	98402
890-7492-11	SS 339	Total/NA	Solid	8015B NM	98402
890-7492-12	SS 495	Total/NA	Solid	8015B NM	98402
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015B NM	98402
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98402
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98402
890-7492-3 MS	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-3 MSD	SS 64	Total/NA	Solid	8015B NM	98402

Analysis Batch: 98427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-14	SS 154	Total/NA	Solid	8015B NM	98403

Eurofins Carlsbad

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Analysis Batch: 98427 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-15	SS 504	Total/NA	Solid	8015B NM	98403
890-7492-16	SS 398	Total/NA	Solid	8015B NM	98403
890-7492-17	SS 183	Total/NA	Solid	8015B NM	98403
890-7492-18	SS 200	Total/NA	Solid	8015B NM	98403
890-7492-19	SS 435	Total/NA	Solid	8015B NM	98403
890-7492-20	SS 477	Total/NA	Solid	8015B NM	98403
890-7492-21	SS 176	Total/NA	Solid	8015B NM	98403
890-7492-22	SS 138	Total/NA	Solid	8015B NM	98403
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015B NM	98403
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98403
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98403
890-7492-13 MS	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-13 MSD	SS 129	Total/NA	Solid	8015B NM	98403

Analysis Batch: 98430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015B NM	98404
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015B NM	98404
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98404
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98404
890-7492-23 MS	SS 420	Total/NA	Solid	8015B NM	98404
890-7492-23 MSD	SS 420	Total/NA	Solid	8015B NM	98404

Analysis Batch: 98523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015 NM	
890-7492-2	SS 20	Total/NA	Solid	8015 NM	
890-7492-3	SS 64	Total/NA	Solid	8015 NM	
890-7492-4	SS 80	Total/NA	Solid	8015 NM	
890-7492-5	SS 262	Total/NA	Solid	8015 NM	
890-7492-6	SS 320	Total/NA	Solid	8015 NM	
890-7492-7	SS 488	Total/NA	Solid	8015 NM	
890-7492-8	SS 46	Total/NA	Solid	8015 NM	
890-7492-9	SS 107	Total/NA	Solid	8015 NM	
890-7492-10	SS 290	Total/NA	Solid	8015 NM	
890-7492-11	SS 339	Total/NA	Solid	8015 NM	
890-7492-12	SS 495	Total/NA	Solid	8015 NM	
890-7492-13	SS 129	Total/NA	Solid	8015 NM	
890-7492-14	SS 154	Total/NA	Solid	8015 NM	
890-7492-15	SS 504	Total/NA	Solid	8015 NM	
890-7492-16	SS 398	Total/NA	Solid	8015 NM	
890-7492-17	SS 183	Total/NA	Solid	8015 NM	
890-7492-18	SS 200	Total/NA	Solid	8015 NM	
890-7492-19	SS 435	Total/NA	Solid	8015 NM	
890-7492-20	SS 477	Total/NA	Solid	8015 NM	
890-7492-21	SS 176	Total/NA	Solid	8015 NM	
890-7492-22	SS 138	Total/NA	Solid	8015 NM	
890-7492-23	SS 420	Total/NA	Solid	8015 NM	

Eurofins Carlsbad

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC

Leach Batch: 98373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	DI Leach	
890-7492-13	SS 129	Soluble	Solid	DI Leach	
890-7492-14	SS 154	Soluble	Solid	DI Leach	
890-7492-15	SS 504	Soluble	Solid	DI Leach	
890-7492-16	SS 398	Soluble	Solid	DI Leach	
890-7492-17	SS 183	Soluble	Solid	DI Leach	
890-7492-18	SS 200	Soluble	Solid	DI Leach	
890-7492-19	SS 435	Soluble	Solid	DI Leach	
890-7492-20	SS 477	Soluble	Solid	DI Leach	
890-7492-21	SS 176	Soluble	Solid	DI Leach	
890-7492-22	SS 138	Soluble	Solid	DI Leach	
890-7492-23	SS 420	Soluble	Solid	DI Leach	
MB 880-98373/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-20 MS	SS 477	Soluble	Solid	DI Leach	
890-7492-20 MSD	SS 477	Soluble	Solid	DI Leach	

Leach Batch: 98374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	DI Leach	
890-7492-2	SS 20	Soluble	Solid	DI Leach	
890-7492-3	SS 64	Soluble	Solid	DI Leach	
890-7492-4	SS 80	Soluble	Solid	DI Leach	
890-7492-5	SS 262	Soluble	Solid	DI Leach	
890-7492-6	SS 320	Soluble	Solid	DI Leach	
890-7492-7	SS 488	Soluble	Solid	DI Leach	
890-7492-8	SS 46	Soluble	Solid	DI Leach	
890-7492-9	SS 107	Soluble	Solid	DI Leach	
890-7492-10	SS 290	Soluble	Solid	DI Leach	
890-7492-11	SS 339	Soluble	Solid	DI Leach	
MB 880-98374/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-2 MS	SS 20	Soluble	Solid	DI Leach	
890-7492-2 MSD	SS 20	Soluble	Solid	DI Leach	

Analysis Batch: 98376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	300.0	98374
890-7492-2	SS 20	Soluble	Solid	300.0	98374
890-7492-3	SS 64	Soluble	Solid	300.0	98374
890-7492-4	SS 80	Soluble	Solid	300.0	98374
890-7492-5	SS 262	Soluble	Solid	300.0	98374
890-7492-6	SS 320	Soluble	Solid	300.0	98374
890-7492-7	SS 488	Soluble	Solid	300.0	98374
890-7492-8	SS 46	Soluble	Solid	300.0	98374
890-7492-9	SS 107	Soluble	Solid	300.0	98374
890-7492-10	SS 290	Soluble	Solid	300.0	98374
890-7492-11	SS 339	Soluble	Solid	300.0	98374
MB 880-98374/1-A	Method Blank	Soluble	Solid	300.0	98374

Eurofins Carlsbad

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC (Continued)

Analysis Batch: 98376 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	300.0	98374
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98374
890-7492-2 MS	SS 20	Soluble	Solid	300.0	98374
890-7492-2 MSD	SS 20	Soluble	Solid	300.0	98374

Analysis Batch: 98377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	300.0	98373
890-7492-13	SS 129	Soluble	Solid	300.0	98373
890-7492-14	SS 154	Soluble	Solid	300.0	98373
890-7492-15	SS 504	Soluble	Solid	300.0	98373
890-7492-16	SS 398	Soluble	Solid	300.0	98373
890-7492-17	SS 183	Soluble	Solid	300.0	98373
890-7492-18	SS 200	Soluble	Solid	300.0	98373
890-7492-19	SS 435	Soluble	Solid	300.0	98373
890-7492-20	SS 477	Soluble	Solid	300.0	98373
890-7492-21	SS 176	Soluble	Solid	300.0	98373
890-7492-22	SS 138	Soluble	Solid	300.0	98373
890-7492-23	SS 420	Soluble	Solid	300.0	98373
MB 880-98373/1-A	Method Blank	Soluble	Solid	300.0	98373
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	300.0	98373
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98373
890-7492-20 MS	SS 477	Soluble	Solid	300.0	98373
890-7492-20 MSD	SS 477	Soluble	Solid	300.0	98373

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01
Date Collected: 12/19/24 08:20
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 11:51
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		5	98350	MNR	EET MID	12/20/24 13:55
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:55
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		20	98376	CH	EET MID	12/20/24 10:49

Client Sample ID: SS 20
Date Collected: 12/19/24 08:36
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:15
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:15
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 10:58

Client Sample ID: SS 64
Date Collected: 12/19/24 08:47
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 12:33
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:33
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 09:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 09:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:54

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:36
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:36
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:24
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:24
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:30

Client Sample ID: SS 262

Lab Sample ID: 890-7492-5

Date Collected: 12/19/24 08:59

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		50	98350	MNR	EET MID	12/20/24 13:14
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:14
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:38
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:38
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:48

Client Sample ID: SS 320

Lab Sample ID: 890-7492-6

Date Collected: 12/19/24 09:04

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		25	98350	MNR	EET MID	12/20/24 13:34
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:34
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:53
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:53
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:59

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		100	98351	MNR	EET MID	12/20/24 12:24
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:24

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488
Date Collected: 12/19/24 09:12
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:08
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:08
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:06

Client Sample ID: SS 46
Date Collected: 12/19/24 10:15
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 12:45
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:45
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:25
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:25
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:11

Client Sample ID: SS 107
Date Collected: 12/19/24 10:22
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:05
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:05
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:17

Client Sample ID: SS 290
Date Collected: 12/19/24 10:30
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:25
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:25
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:54
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:54

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:23

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:46
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:46
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:29

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 14:06
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:06
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:36

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 11:49
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 11:49
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:43

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154
Date Collected: 12/19/24 11:19
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:10
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:10
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:00
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:00
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:50

Client Sample ID: SS 504
Date Collected: 12/19/24 11:40
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		10	98353	MNR	EET MID	12/20/24 13:32
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:32
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:15
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:15
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:12

Client Sample ID: SS 398
Date Collected: 12/19/24 11:27
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:30
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:30
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:31
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:31
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:19

Client Sample ID: SS 183
Date Collected: 12/19/24 11:44
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:51
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:51

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:47
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:47
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:26

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 13:11
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:11
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:03
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:03
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:33

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:07
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:07
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:20
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:20
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:40

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:27
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:27
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:36
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:36

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 477
Date Collected: 12/19/24 12:02
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:48

Client Sample ID: SS 176
Date Collected: 12/19/24 12:07
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		10	98352	MNR	EET MID	12/20/24 13:28
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:28
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:52
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:52
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:09

Client Sample ID: SS 138
Date Collected: 12/19/24 12:17
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:48
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:48
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 14:07
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 14:07
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 10:16

Client Sample ID: SS 420
Date Collected: 12/19/24 12:22
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 13:08
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:08
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98404	EL	EET MID	12/19/24 21:32
Total/NA	Analysis	8015B NM		1	98430	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:38

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Accreditation/Certification Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7492-1	SS 01	Solid	12/19/24 08:20	12/19/24 15:45	- SURFACE
890-7492-2	SS 20	Solid	12/19/24 08:36	12/19/24 15:45	- SURFACE
890-7492-3	SS 64	Solid	12/19/24 08:47	12/19/24 15:45	- SURFACE
890-7492-4	SS 80	Solid	12/19/24 08:53	12/19/24 15:45	- SURFACE
890-7492-5	SS 262	Solid	12/19/24 08:59	12/19/24 15:45	- SURFACE
890-7492-6	SS 320	Solid	12/19/24 09:04	12/19/24 15:45	- SURFACE
890-7492-7	SS 488	Solid	12/19/24 09:12	12/19/24 15:45	- SURFACE
890-7492-8	SS 46	Solid	12/19/24 10:15	12/19/24 15:45	- SURFACE
890-7492-9	SS 107	Solid	12/19/24 10:22	12/19/24 15:45	- SURFACE
890-7492-10	SS 290	Solid	12/19/24 10:30	12/19/24 15:45	- SURFACE
890-7492-11	SS 339	Solid	12/19/24 10:37	12/19/24 15:45	- SURFACE
890-7492-12	SS 495	Solid	12/19/24 10:44	12/19/24 15:45	- SURFACE
890-7492-13	SS 129	Solid	12/19/24 11:07	12/19/24 15:45	- SURFACE
890-7492-14	SS 154	Solid	12/19/24 11:19	12/19/24 15:45	- SURFACE
890-7492-15	SS 504	Solid	12/19/24 11:40	12/19/24 15:45	- SURFACE
890-7492-16	SS 398	Solid	12/19/24 11:27	12/19/24 15:45	- SURFACE
890-7492-17	SS 183	Solid	12/19/24 11:44	12/19/24 15:45	- SURFACE
890-7492-18	SS 200	Solid	12/19/24 11:49	12/19/24 15:45	- SURFACE
890-7492-19	SS 435	Solid	12/19/24 11:53	12/19/24 15:45	- SURFACE
890-7492-20	SS 477	Solid	12/19/24 12:02	12/19/24 15:45	- SURFACE
890-7492-21	SS 176	Solid	12/19/24 12:07	12/19/24 15:45	- SURFACE
890-7492-22	SS 138	Solid	12/19/24 12:17	12/19/24 15:45	- SURFACE
890-7492-23	SS 420	Solid	12/19/24 12:22	12/19/24 15:45	- SURFACE

Chain of Custody



Environment Testing

Work Order No: _____

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Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
 Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
 EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
 Little Rock, AR (501) 224-5060

Project Manager: <u>Michael Wicker</u>		Bill to: (if different)		<u>CDH Consulting</u>	
Company Name: <u>Cotto</u>		Company Name:		Program: ☐ PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
Address:		Address:		State of Project:	
City, State ZIP:		City, State ZIP:		Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Phone: <u>1616-970-8459</u>		Email: <u>mwicker@cdhconsult.com</u>		Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name: <u>Close Encounter 30114</u>		Turn Around		Preservative Codes	
		☐ Routine	☒ Rush	None: NO	DI Water: H ₂ O
Project Number:		Due Date: <u>12-20-2024</u>		Cool: Cool	MeOH: Me
Project Location: <u>Buckeye, NM</u>		TAT starts the day received by the lab, if received by 4:30pm		HCL: HC	HNO ₃
Sampler's Name: <u>Dakotah Cueto</u>				H ₂ SO ₄ : H ₂	NaOH: Na
PO #:				H ₃ PO ₄ : HP	
SAMPLE RECEIPT		Temp Blank: Yes ☒ No ☐	Wet Ice: Yes ☒ No ☐	NaHSO ₄ : NABIS	
Samples Received Intact: Yes ☒ No ☐		Thermometer ID: <u>T-0.2</u>		Na ₂ S ₂ O ₃ : NaSO ₃	
Cooler Custody Seals: Yes ☒ No ☐		Correction Factor: <u>5.8</u>		Zn Acetate+NaOH: Zn	
Sample Custody Seals: Yes ☒ No ☐		Temperature Reading: <u>5.0</u>		NaOH+Ascorbic Acid: SAPC	
Total Containers:		Corrected Temperature: <u>5.0</u>			

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Sample Comments
SS01	S	12-19-24	08:20	Surf	C	1	
SS20	S		08:36		C	1	
SS64	S		08:47		C	1	
SS80	S		08:53		C	1	
SS262	S		08:59		C	1	
SS320	S		09:04		C	1	
SS488	S		09:12		C	1	
SS46	S		10:15		C	1	
SS107	S		10:22		C	1	
SS290	S		10:30		C	1	

Total 200.7 / 6010 200.8 / 6020:		8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn	
Circle Method(s) and Metal(s) to be analyzed		TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471	

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>Dakotah Cueto</u>	<u>[Signature]</u>	12/19 1545			
3		4			
5		6			

Revised Date: 06/25/2020 Rev. 2020.2

Chain of Custody



Environment Testing

Work Order No:

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Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
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EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Project Manager: Michael Wicker		Bill to: (if different)		CDH Consulting	
Company Name: CDD		Company Name:			
Address:		Address:			
City, State ZIP:		City, State ZIP:			
Phone: 816-970-8459		Email: mwicker@cdhconsult.com			
Project Name: Close Encounters 3014		Turn Around			
Project Number:		☐ Routine ☒ Rush			
Project Location: Blueeye, NM		Due Date: 12-20-2024			
Sampler's Name: Dakotaiah Cueto		TAT starts the day received by the lab, if received by 4:30pm			
PO #:					
SAMPLE RECEIPT		Temp Blank:		Yes No	
Samples Received Intact:		Yes No		Thermometer ID:	
Cooler Custody Seals:		Yes No N/A		Correction Factor:	
Sample Custody Seals:		Yes No N/A		Temperature Reading:	
Total Containers:		Corrected Temperature:			
Sample Identification		Matrix		Date Sampled	
Time Sampled		Depth		Grab/ # of Comp Cont	
SS339		S		12/19/2024 10:37 Surf C 1	
SS495		S		10:44 C 1	
SS129		S		11:07 C 1	
SS154		S		11:19 C 1	
SS504		S		11:40 C 1	
SS398		S		11:27 C 1	
SS183		S		11:44 C 1	
SS200		S		11:49 C 1	
SS435		S		11:53 C 1	
SS477		S		12:02 C 1	
Parameters		Pres. Code			
ANALYSIS REQUEST					
Preservative Codes					
None: NO		DI Water: H ₂ O			
Cool: Cool		MeOH: Me			
HCL: HC		HNO ₃			
H ₂ SO ₄ : H ₂		NaOH: Na			
H ₃ PO ₄ : HP					
NaHSO ₄ : NABIS					
Na ₂ S ₂ O ₃ : NaSO ₃					
Zn Acetate+NaOH: Zn					
NaOH+Ascorbic Acid: SAPC					
Sample Comments					
Total 200.7 / 6010 200.8 / 6020:		8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn			
Circle Method(s) and Metal(s) to be analyzed		TC1P / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U			
		Hq: 1631 / 245.1 / 7470 / 7471			

NOTES: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$88.00 will be applied to each prolect and a charge of \$2 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	<i>Dakota West</i>		2			
3			4			
5			6			

Reviewed Date: 08/25/2020 Rev: 2020 2



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3499
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

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[illegible]

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Source: Eurofins Midland

List Number: 2

List Creation: 12/19/24 09:21 PM

Creator: Laing, Edmundo

Question	Answer	Comment
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time (excluding tests with immediate HTs)		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").		



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Michael Wicker
CDH Consulting
9446 Clermont St,
Thornton, Colorado 80229
Generated 12/20/2024 3:02:55 PM

JOB DESCRIPTION

CLOSE ENCOUNTER 301 H
BUCKEYE

JOB NUMBER

890-7492-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220



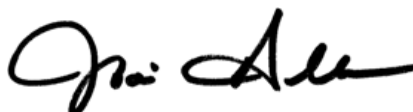
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
12/20/2024 3:02:55 PM

Authorized for release by
Jodi Allen, Project Manager I
Jodi.Allen@et.eurofinsus.com
(281)520-2865

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Laboratory Job ID: 890-7492-1
SDG: BUCKEYE

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Definitions/Glossary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1**Eurofins Carlsbad****Job Narrative
890-7492-1**

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 12/19/2024 3:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 64 (890-7492-3), SS 80 (890-7492-4), SS 262 (890-7492-5), SS 320 (890-7492-6), SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11), SS 495 (890-7492-12), SS 129 (890-7492-13), SS 154 (890-7492-14), SS 504 (890-7492-15), SS 398 (890-7492-16), SS 183 (890-7492-17), SS 200 (890-7492-18), SS 435 (890-7492-19), SS 477 (890-7492-20), SS 176 (890-7492-21), SS 138 (890-7492-22) and SS 420 (890-7492-23).

GC VOA

Method 8021B: The following samples were diluted due to physical characteristics such as color, odor, appearance, viscosity, etc. >>: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 80 (890-7492-4), SS 262 (890-7492-5) and SS 320 (890-7492-6). Elevated reporting limits (RL) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 01 (890-7492-1), SS 20 (890-7492-2) and SS 64 (890-7492-3). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 398 (890-7492-16) and SS 200 (890-7492-18). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SS 176 (890-7492-21). Evidence of matrix interferences is not obvious.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11) and SS 495 (890-7492-12). Elevated reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 46 (890-7492-8), SS 290 (890-7492-10) and SS 495 (890-7492-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: SS 504 (890-7492-15). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-98402/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98402 and analytical batch 880-98425 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within

Eurofins Carlsbad

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1 (Continued)

Eurofins Carlsbad

acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SS 262 (890-7492-5). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Due to the high concentration of Diesel Range Organics (Over C10-C28), the matrix spike (MS) for preparation batch 880-98403 and analytical batch 880-98427 could not be evaluated for accuracy. The associated matrix spike duplicate (MSD) met acceptance criteria.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SS 477 (890-7492-20), (LCS 880-98403/2-A) and (LCSD 880-98403/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The method blank for preparation batch 880-98404 and analytical batch 880-98430 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-98404/2-A) and (LCSD 880-98404/3-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-98404 and analytical batch 880-98430 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The laboratory control sample (LCS) for preparation batch 880-98403 and analytical batch 880-98427 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10. Since only an acceptable LCSD is required per the method, the LCSD shows recovery for the batch and the data has been qualified and reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98374 and analytical batch 880-98376 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Carlsbad

Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01

Lab Sample ID: 890-7492-1

Date Collected: 12/19/24 08:20

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0101	U	0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Ethylbenzene	0.0947		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Toluene	0.0306		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Xylenes, Total	1.81		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
m-Xylene & p-Xylene	0.0449		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
o-Xylene	1.77		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 11:51	20
1,4-Difluorobenzene (Surr)	124		70 - 130	12/20/24 08:24	12/20/24 11:51	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.94		0.0202		mg/Kg			12/20/24 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	287		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	287		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	12/19/24 21:26	12/20/24 12:09	1
o-Terphenyl	86		70 - 130	12/19/24 21:26	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17600		199		mg/Kg			12/20/24 10:49	20

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Ethylbenzene	0.0420		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Toluene	0.0216		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Xylenes, Total	0.350		0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
m-Xylene & p-Xylene	<0.0401	U	0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
o-Xylene	0.350		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	12/20/24 08:24	12/20/24 14:15	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	136	S1+	70 - 130	12/20/24 08:24	12/20/24 14:15	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.414		0.0401		mg/Kg			12/20/24 14:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	110		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	110		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				12/19/24 21:26	12/20/24 12:23	1
o-Terphenyl	77		70 - 130				12/19/24 21:26	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300	F1	49.9		mg/Kg			12/20/24 10:58	5

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Ethylbenzene	0.242		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Toluene	0.0581		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Xylenes, Total	0.781		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
m-Xylene & p-Xylene	0.189		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
o-Xylene	0.592		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20
1,4-Difluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.08		0.0795		mg/Kg			12/20/24 12:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	631		50.0		mg/Kg			12/20/24 09:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Diesel Range Organics (Over C10-C28)	631	F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 09:40	1
o-Terphenyl	78		70 - 130				12/19/24 21:28	12/20/24 09:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3110		50.2		mg/Kg			12/20/24 11:54	5

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Ethylbenzene	0.0344		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Toluene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Xylenes, Total	0.680		0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
m-Xylene & p-Xylene	<0.0399	U	0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
o-Xylene	0.680		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				12/20/24 08:24	12/20/24 14:36	10
1,4-Difluorobenzene (Surr)	106		70 - 130				12/20/24 08:24	12/20/24 14:36	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.714		0.0399		mg/Kg			12/20/24 14:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	188		50.0		mg/Kg			12/20/24 10:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Diesel Range Organics (Over C10-C28)	188		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				12/19/24 21:28	12/20/24 10:24	1
o-Terphenyl	74		70 - 130				12/19/24 21:28	12/20/24 10:24	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3070		100		mg/Kg			12/20/24 11:30	10

Client Sample ID: SS 262

Lab Sample ID: 890-7492-5

Date Collected: 12/19/24 08:59

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Ethylbenzene	0.966		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Toluene	0.415		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Xylenes, Total	1.51		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
m-Xylene & p-Xylene	0.756		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
o-Xylene	0.754		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				12/20/24 08:24	12/20/24 13:14	50
1,4-Difluorobenzene (Surr)	122		70 - 130				12/20/24 08:24	12/20/24 13:14	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.89		0.202		mg/Kg			12/20/24 13:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	463		50.0		mg/Kg			12/20/24 10:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Diesel Range Organics (Over C10-C28)	463		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				12/19/24 21:28	12/20/24 10:38	1
o-Terphenyl	69	S1-	70 - 130				12/19/24 21:28	12/20/24 10:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4470		99.4		mg/Kg			12/20/24 11:48	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 320

Lab Sample ID: 890-7492-6

Date Collected: 12/19/24 09:04

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0503	U	0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Ethylbenzene	0.537		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Toluene	0.125		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Xylenes, Total	1.20		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
m-Xylene & p-Xylene	0.454		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
o-Xylene	0.746		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	12/20/24 08:24	12/20/24 13:34	25
1,4-Difluorobenzene (Surr)	126		70 - 130	12/20/24 08:24	12/20/24 13:34	25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.86		0.101		mg/Kg			12/20/24 13:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	876		49.7		mg/Kg			12/20/24 10:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Diesel Range Organics (Over C10-C28)	876		49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130	12/19/24 21:28	12/20/24 10:53	1
o-Terphenyl	75		70 - 130	12/19/24 21:28	12/20/24 10:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3410		49.8		mg/Kg			12/20/24 11:59	5

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.199	U	0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Ethylbenzene	1.92		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Toluene	0.602		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Xylenes, Total	3.04		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
m-Xylene & p-Xylene	1.78		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
o-Xylene	1.26		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	12/20/24 08:27	12/20/24 12:24	100

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	100		70 - 130	12/20/24 08:27	12/20/24 12:24	100

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	5.56		0.398		mg/Kg			12/20/24 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2500		49.8		mg/Kg			12/20/24 11:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.7		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Diesel Range Organics (Over C10-C28)	2410		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:08	1
o-Terphenyl	95		70 - 130				12/19/24 21:28	12/20/24 11:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3680		49.6		mg/Kg			12/20/24 12:06	5

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.11		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Ethylbenzene	9.28		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Toluene	7.96		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Xylenes, Total	10.9		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
m-Xylene & p-Xylene	6.88		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
o-Xylene	4.05		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130	12/20/24 08:27	12/20/24 12:45	50
1,4-Difluorobenzene (Surr)	94		70 - 130	12/20/24 08:27	12/20/24 12:45	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	29.3		0.200		mg/Kg			12/20/24 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1330		49.9		mg/Kg			12/20/24 11:25	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	95.0		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Diesel Range Organics (Over C10-C28)	1230		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:25	1
o-Terphenyl	81		70 - 130				12/19/24 21:28	12/20/24 11:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5420		101		mg/Kg			12/20/24 12:11	10

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Ethylbenzene	1.52		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Toluene	0.807		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Xylenes, Total	4.70		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
m-Xylene & p-Xylene	3.88		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
o-Xylene	0.815		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				12/20/24 08:27	12/20/24 13:05	50
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:27	12/20/24 13:05	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	7.02		0.202		mg/Kg			12/20/24 13:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	60.0		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Diesel Range Organics (Over C10-C28)	1450		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:40	1
o-Terphenyl	86		70 - 130				12/19/24 21:28	12/20/24 11:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5250		99.4		mg/Kg			12/20/24 12:17	10

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.151		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Ethylbenzene	3.30		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Toluene	1.75		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Xylenes, Total	4.33		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
m-Xylene & p-Xylene	2.60		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
o-Xylene	1.73		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:27	12/20/24 13:25	50
1,4-Difluorobenzene (Surr)	100		70 - 130				12/20/24 08:27	12/20/24 13:25	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	9.53		0.201		mg/Kg			12/20/24 13:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2470		49.8		mg/Kg			12/20/24 11:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	129		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Diesel Range Organics (Over C10-C28)	2340		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				12/19/24 21:28	12/20/24 11:54	1
o-Terphenyl	105		70 - 130				12/19/24 21:28	12/20/24 11:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5400		99.8		mg/Kg			12/20/24 12:23	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.106		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Ethylbenzene	3.81		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Toluene	1.12		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Xylenes, Total	5.28		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
m-Xylene & p-Xylene	3.48		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
o-Xylene	1.80		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	12/20/24 08:27	12/20/24 13:46	50
1,4-Difluorobenzene (Surr)	99		70 - 130	12/20/24 08:27	12/20/24 13:46	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	10.3		0.200		mg/Kg			12/20/24 13:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3950		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	154		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	3800		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	12/19/24 21:28	12/20/24 12:09	1
o-Terphenyl	121		70 - 130	12/19/24 21:28	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4280		49.9		mg/Kg			12/20/24 12:29	5

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0994	U	0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Ethylbenzene	5.40		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Toluene	1.34		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Xylenes, Total	7.57		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
m-Xylene & p-Xylene	4.90		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
o-Xylene	2.67		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130	12/20/24 08:27	12/20/24 14:06	50

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	12/20/24 08:27	12/20/24 14:06	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	14.3		0.199		mg/Kg			12/20/24 14:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3070		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	177		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	2890		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:28	12/20/24 12:23	1
o-Terphenyl	108		70 - 130				12/19/24 21:28	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3660		49.6		mg/Kg			12/20/24 08:36	5

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Ethylbenzene	0.0238		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Toluene	0.00837		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Xylenes, Total	0.0306		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
m-Xylene & p-Xylene	0.0204		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
o-Xylene	0.0102		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	12/20/24 08:33	12/20/24 11:49	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/20/24 08:33	12/20/24 11:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0628		0.00404		mg/Kg			12/20/24 11:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	538		49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Diesel Range Organics (Over C10-C28)	538	F1	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 11:11	1
o-Terphenyl	79		70 - 130				12/19/24 21:30	12/20/24 11:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3350		50.0		mg/Kg			12/20/24 08:43	5

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Ethylbenzene	0.0475		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Toluene	0.0124		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Xylenes, Total	0.0632		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
m-Xylene & p-Xylene	0.0373		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
o-Xylene	0.0259		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				12/20/24 08:33	12/20/24 12:10	1
1,4-Difluorobenzene (Surr)	93		70 - 130				12/20/24 08:33	12/20/24 12:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.123		0.00401		mg/Kg			12/20/24 12:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2710		49.8		mg/Kg			12/20/24 12:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Diesel Range Organics (Over C10-C28)	2710		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 12:00	1
o-Terphenyl	120		70 - 130				12/19/24 21:30	12/20/24 12:00	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1710		50.3		mg/Kg			12/20/24 08:50	5

Client Sample ID: SS 504

Lab Sample ID: 890-7492-15

Date Collected: 12/19/24 11:40

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Ethylbenzene	0.563		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Toluene	0.173		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Xylenes, Total	0.464		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
m-Xylene & p-Xylene	0.290		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
o-Xylene	0.174		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				12/20/24 08:33	12/20/24 13:32	10
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:33	12/20/24 13:32	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.20		0.0398		mg/Kg			12/20/24 13:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 12:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Diesel Range Organics (Over C10-C28)	1510		50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				12/19/24 21:30	12/20/24 12:15	1
o-Terphenyl	97		70 - 130				12/19/24 21:30	12/20/24 12:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2990		50.0		mg/Kg			12/20/24 09:12	5

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 398

Lab Sample ID: 890-7492-16

Date Collected: 12/19/24 11:27

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0262		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Ethylbenzene	0.199		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Toluene	0.168		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Xylenes, Total	0.269		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
m-Xylene & p-Xylene	0.158		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
o-Xylene	0.111		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	12/20/24 08:33	12/20/24 12:30	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:33	12/20/24 12:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.662		0.00399		mg/Kg			12/20/24 12:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3130		49.9		mg/Kg			12/20/24 12:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.1	*+	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Diesel Range Organics (Over C10-C28)	3040		49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	12/19/24 21:30	12/20/24 12:31	1
o-Terphenyl	120		70 - 130	12/19/24 21:30	12/20/24 12:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2960		50.1		mg/Kg			12/20/24 09:19	5

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Ethylbenzene	0.0487		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Toluene	0.00442		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Xylenes, Total	0.0402		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
m-Xylene & p-Xylene	0.0276		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
o-Xylene	0.0126		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	12/20/24 08:33	12/20/24 12:51	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	75		70 - 130	12/20/24 08:33	12/20/24 12:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0933		0.00404		mg/Kg			12/20/24 12:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	311		49.8		mg/Kg			12/20/24 12:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Diesel Range Organics (Over C10-C28)	311		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				12/19/24 21:30	12/20/24 12:47	1
o-Terphenyl	77		70 - 130				12/19/24 21:30	12/20/24 12:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.8		9.96		mg/Kg			12/20/24 09:26	1

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Ethylbenzene	0.191		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Toluene	0.110		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Xylenes, Total	0.265		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
m-Xylene & p-Xylene	0.156		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
o-Xylene	0.109		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130	12/20/24 08:33	12/20/24 13:11	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 13:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.566		0.00402		mg/Kg			12/20/24 13:11	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2050		49.9		mg/Kg			12/20/24 13:03	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Diesel Range Organics (Over C10-C28)	2050		49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				12/19/24 21:30	12/20/24 13:03	1
o-Terphenyl	106		70 - 130				12/19/24 21:30	12/20/24 13:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	930		10.0		mg/Kg			12/20/24 09:33	1

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Ethylbenzene	0.00665		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Toluene	0.00205		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Xylenes, Total	0.0105		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
m-Xylene & p-Xylene	0.00628		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
o-Xylene	0.00418		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				12/20/24 08:30	12/20/24 12:07	1
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 12:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0192		0.00404		mg/Kg			12/20/24 12:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	601		49.7		mg/Kg			12/20/24 13:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U **	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Diesel Range Organics (Over C10-C28)	601		49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				12/19/24 21:30	12/20/24 13:20	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 13:20	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3030		49.7		mg/Kg			12/20/24 09:40	5

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Xylenes, Total	0.133		0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
o-Xylene	0.133		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				12/20/24 08:30	12/20/24 12:27	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/20/24 08:30	12/20/24 12:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.133		0.00401		mg/Kg			12/20/24 12:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/20/24 13:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 13:36	1
o-Terphenyl	66	S1-	70 - 130				12/19/24 21:30	12/20/24 13:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		10.0		mg/Kg			12/20/24 09:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Ethylbenzene	0.950		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Toluene	0.199		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Xylenes, Total	1.58		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
m-Xylene & p-Xylene	0.943		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
o-Xylene	0.636		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	193	S1+	70 - 130	12/20/24 08:30	12/20/24 13:28	10
1,4-Difluorobenzene (Surr)	104		70 - 130	12/20/24 08:30	12/20/24 13:28	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.73		0.0398		mg/Kg			12/20/24 13:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2110		49.8		mg/Kg			12/20/24 13:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Diesel Range Organics (Over C10-C28)	2110		49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	12/19/24 21:30	12/20/24 13:52	1
o-Terphenyl	112		70 - 130	12/19/24 21:30	12/20/24 13:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	812		9.98		mg/Kg			12/20/24 10:09	1

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Ethylbenzene	0.0120		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Toluene	0.00377		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Xylenes, Total	0.0233		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
m-Xylene & p-Xylene	0.0102		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
o-Xylene	0.0131		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	12/20/24 08:30	12/20/24 12:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 138
Date Collected: 12/19/24 12:17
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-22
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130				12/20/24 08:30	12/20/24 12:48	1
Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0391		0.00399		mg/Kg			12/20/24 12:48	1
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	573		49.8		mg/Kg			12/20/24 14:07	1
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Diesel Range Organics (Over C10-C28)	573		49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 14:07	1
o-Terphenyl	78		70 - 130				12/19/24 21:30	12/20/24 14:07	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2650		50.1		mg/Kg			12/20/24 10:16	5

Client Sample ID: SS 420
Date Collected: 12/19/24 12:22
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-23
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Xylenes, Total	0.0889		0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
o-Xylene	0.0889		0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				12/20/24 08:30	12/20/24 13:08	1
1,4-Difluorobenzene (Surr)	91		70 - 130				12/20/24 08:30	12/20/24 13:08	1
Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0889		0.00404		mg/Kg			12/20/24 13:08	1
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 420
Date Collected: 12/19/24 12:22
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-23
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	104		70 - 130				12/19/24 21:32	12/20/24 11:11	1	
o-Terphenyl	109		70 - 130				12/19/24 21:32	12/20/24 11:11	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	162		9.94		mg/Kg			12/20/24 10:38	1	

Surrogate Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-7492-1	SS 01	131 S1+	124
890-7492-2	SS 20	128	136 S1+
890-7492-3	SS 64	137 S1+	131 S1+
890-7492-4	SS 80	144 S1+	106
890-7492-5	SS 262	125	122
890-7492-6	SS 320	126	126
890-7492-7	SS 488	106	100
890-7492-8	SS 46	171 S1+	94
890-7492-9	SS 107	107	101
890-7492-10	SS 290	131 S1+	100
890-7492-11	SS 339	122	99
890-7492-12	SS 495	139 S1+	104
890-7492-13	SS 129	109	95
890-7492-14	SS 154	99	93
890-7492-15	SS 504	110	94
890-7492-16	SS 398	141 S1+	96
890-7492-17	SS 183	88	75
890-7492-18	SS 200	159 S1+	93
890-7492-19	SS 435	113	104
890-7492-20	SS 477	98	95
890-7492-21	SS 176	193 S1+	104
890-7492-22	SS 138	115	103
890-7492-23	SS 420	95	91
LCS 880-98432/1-A	Lab Control Sample	101	96
LCS 880-98433/1-A	Lab Control Sample	96	103
LCS 880-98434/1-A	Lab Control Sample	107	104
LCS 880-98435/1-A	Lab Control Sample	106	99
LCSD 880-98432/2-A	Lab Control Sample Dup	103	99
LCSD 880-98433/2-A	Lab Control Sample Dup	94	103
LCSD 880-98434/2-A	Lab Control Sample Dup	109	103
LCSD 880-98435/2-A	Lab Control Sample Dup	108	98
MB 880-98432/5-A	Method Blank	112	85
MB 880-98433/5-A	Method Blank	98	96
MB 880-98434/5-A	Method Blank	111	101
MB 880-98435/5-A	Method Blank	92	93
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-1	SS 01	83	86
890-7492-2	SS 20	76	77
890-7492-3	SS 64	75	78
890-7492-3 MS	SS 64	78	76

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Surrogate Summary

Client: CDH Consulting

Job ID: 890-7492-1

Project/Site: CLOSE ENCOUNTER 301 H

SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-3 MSD	SS 64	77	76
890-7492-4	SS 80	73	74
890-7492-5	SS 262	70	69 S1-
890-7492-6	SS 320	74	75
890-7492-7	SS 488	75	95
890-7492-8	SS 46	75	81
890-7492-9	SS 107	75	86
890-7492-10	SS 290	85	105
890-7492-11	SS 339	84	121
890-7492-12	SS 495	88	108
890-7492-13	SS 129	84	79
890-7492-13 MS	SS 129	80	81
890-7492-13 MSD	SS 129	79	81
890-7492-14	SS 154	84	120
890-7492-15	SS 504	92	97
890-7492-16	SS 398	85	120
890-7492-17	SS 183	87	77
890-7492-18	SS 200	82	106
890-7492-19	SS 435	77	74
890-7492-20	SS 477	81	66 S1-
890-7492-21	SS 176	88	112
890-7492-22	SS 138	81	78
890-7492-23	SS 420	104	109
890-7492-23 MS	SS 420	92	99
890-7492-23 MSD	SS 420	92	99
LCS 880-98401/2-A	Lab Control Sample	118	102
LCS 880-98402/2-A	Lab Control Sample	121	104
LCS 880-98403/2-A	Lab Control Sample	136 S1+	123
LCS 880-98404/2-A	Lab Control Sample	158 S1+	172 S1+
LCSD 880-98401/3-A	Lab Control Sample Dup	110	95
LCSD 880-98402/3-A	Lab Control Sample Dup	145 S1+	123
LCSD 880-98403/3-A	Lab Control Sample Dup	133 S1+	120
LCSD 880-98404/3-A	Lab Control Sample Dup	166 S1+	175 S1+
MB 880-98401/1-A	Method Blank	81	80
MB 880-98402/1-A	Method Blank	75	75
MB 880-98403/1-A	Method Blank	91	74
MB 880-98404/1-A	Method Blank	93	96

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-98432/5-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	12/20/24 08:24	12/20/24 11:08	1
1,4-Difluorobenzene (Surr)	85		70 - 130	12/20/24 08:24	12/20/24 11:08	1

Lab Sample ID: LCS 880-98432/1-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1137		mg/Kg		114	70 - 130
Ethylbenzene	0.100	0.1107		mg/Kg		111	70 - 130
Toluene	0.100	0.1082		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2221		mg/Kg		111	70 - 130
o-Xylene	0.100	0.1128		mg/Kg		113	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-98432/2-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1182		mg/Kg		118	70 - 130	4	35
Ethylbenzene	0.100	0.1145		mg/Kg		114	70 - 130	3	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2282		mg/Kg		114	70 - 130	3	35
o-Xylene	0.100	0.1165		mg/Kg		117	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	12/20/24 08:27	12/20/24 11:02	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:27	12/20/24 11:02	1

Lab Sample ID: LCS 880-98433/1-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1001		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09410		mg/Kg		94	70 - 130
Toluene	0.100	0.09371		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1885		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09536		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-98433/2-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1048		mg/Kg		105	70 - 130	5	35
Ethylbenzene	0.100	0.09886		mg/Kg		99	70 - 130	5	35
Toluene	0.100	0.09817		mg/Kg		98	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1969		mg/Kg		98	70 - 130	4	35
o-Xylene	0.100	0.09974		mg/Kg		100	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	111		70 - 130				12/20/24 08:30	12/20/24 11:25	1
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:30	12/20/24 11:25	1

Lab Sample ID: LCS 880-98434/1-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits		
		Result	Qualifier						
Benzene	0.100	0.1149		mg/Kg		115	70 - 130		
Ethylbenzene	0.100	0.1100		mg/Kg		110	70 - 130		
Toluene	0.100	0.1116		mg/Kg		112	70 - 130		
m-Xylene & p-Xylene	0.200	0.2234		mg/Kg		112	70 - 130		
o-Xylene	0.100	0.1142		mg/Kg		114	70 - 130		
Surrogate	LCS	LCS	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	107		70 - 130						
1,4-Difluorobenzene (Surr)	104		70 - 130						

Lab Sample ID: LCSD 880-98434/2-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.1162		mg/Kg		116	70 - 130	1	35
Ethylbenzene	0.100	0.1102		mg/Kg		110	70 - 130	0	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2247		mg/Kg		112	70 - 130	1	35
o-Xylene	0.100	0.1148		mg/Kg		115	70 - 130	1	35
Surrogate	LCSD	LCSD	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	109		70 - 130						
1,4-Difluorobenzene (Surr)	103		70 - 130						

Lab Sample ID: MB 880-98435/5-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98435

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	12/20/24 08:33	12/20/24 11:07	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 11:07	1

Lab Sample ID: LCS 880-98435/1-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1025		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.1037		mg/Kg		104	70 - 130
Toluene	0.100	0.1077		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2015		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1117		mg/Kg		112	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-98435/2-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1068		mg/Kg		107	70 - 130	4	35
Ethylbenzene	0.100	0.1065		mg/Kg		107	70 - 130	3	35
Toluene	0.100	0.1103		mg/Kg		110	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2041		mg/Kg		102	70 - 130	1	35
o-Xylene	0.100	0.1136		mg/Kg		114	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-98401/1-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98401

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130	12/19/24 21:26	12/20/24 00:11	1
o-Terphenyl	80		70 - 130	12/19/24 21:26	12/20/24 00:11	1

Eurofins Carlsbad

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98401/2-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98401

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1058		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	960.9		mg/Kg		96	70 - 130
Surrogate							
		LCS %Recovery	LCS Qualifier				Limits
1-Chlorooctane		118					70 - 130
o-Terphenyl		102					70 - 130

Lab Sample ID: LCSD 880-98401/3-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98401

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1005		mg/Kg		101	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	903.5		mg/Kg		90	70 - 130	6	20
Surrogate									
		LCSD %Recovery	LCSD Qualifier						
1-Chlorooctane		110							
o-Terphenyl		95							

Lab Sample ID: MB 880-98402/1-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 98402

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Surrogate									
		MB %Recovery	MB Qualifier						
1-Chlorooctane		75					12/19/24 21:28	12/20/24 00:11	1
o-Terphenyl		75					12/19/24 21:28	12/20/24 00:11	1

Lab Sample ID: LCS 880-98402/2-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1061		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1028		mg/Kg		103	70 - 130

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98402/2-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98402

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: LCSD 880-98402/3-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98402

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1288		mg/Kg		129	70 - 130	19	20
Diesel Range Organics (Over C10-C28)			1000	1231		mg/Kg		123	70 - 130	18	20
Surrogate		LCSD	LCSD								
	%Recovery	Qualifier	Limits								
1-Chlorooctane	145	S1+	70 - 130								
o-Terphenyl	123		70 - 130								

Lab Sample ID: 890-7492-3 MS

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: SS 64

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	665.3	F1	mg/Kg		67	70 - 130		
Diesel Range Organics (Over C10-C28)	631	F1	998	1155	F1	mg/Kg		53	70 - 130		
Surrogate		MS	MS								
	%Recovery	Qualifier	Limits								
1-Chlorooctane	78		70 - 130								
o-Terphenyl	76		70 - 130								

Lab Sample ID: 890-7492-3 MSD

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: SS 64

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	660.4	F1	mg/Kg		66	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	631	F1	998	1141	F1	mg/Kg		51	70 - 130	1	20
Surrogate		MSD	MSD								
	%Recovery	Qualifier	Limits								
1-Chlorooctane	77		70 - 130								
o-Terphenyl	76		70 - 130								

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-98403/1-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98403

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				12/19/24 21:30	12/20/24 09:12	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 09:12	1

Lab Sample ID: LCS 880-98403/2-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1333	*+	mg/Kg		133	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1178		mg/Kg		118	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	136	S1+	70 - 130				
o-Terphenyl	123		70 - 130				

Lab Sample ID: LCSD 880-98403/3-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1180		mg/Kg		118	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	1000	1166		mg/Kg		117	70 - 130	1	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	133	S1+	70 - 130						
o-Terphenyl	120		70 - 130						

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	997	729.6		mg/Kg		73	70 - 130
Diesel Range Organics (Over C10-C28)	538	F1	997	1207	F1	mg/Kg		67	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	80		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: 890-7492-13 MSD

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	997	855.4		mg/Kg		86	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	538	F1	997	1282		mg/Kg		75	70 - 130	6	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	79		70 - 130								
o-Terphenyl	81		70 - 130								

Lab Sample ID: MB 880-98404/1-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98404

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				12/19/24 21:32	12/20/24 09:12	1
o-Terphenyl	96		70 - 130				12/19/24 21:32	12/20/24 09:12	1

Lab Sample ID: LCS 880-98404/2-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1398	*+	mg/Kg		140	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1468	*+	mg/Kg		147	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	158	S1+	70 - 130				
o-Terphenyl	172	S1+	70 - 130				

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-98404/3-A
Matrix: Solid
Analysis Batch: 98430

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98404

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1465	*+	mg/Kg		147	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	1590	*+	mg/Kg		159	70 - 130	8	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	166	S1+	70 - 130						
o-Terphenyl	175	S1+	70 - 130						

Lab Sample ID: 890-7492-23 MS
Matrix: Solid
Analysis Batch: 98430

Client Sample ID: SS 420
Prep Type: Total/NA
Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	781.1		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	867.3		mg/Kg		84	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Lab Sample ID: 890-7492-23 MSD
Matrix: Solid
Analysis Batch: 98430

Client Sample ID: SS 420
Prep Type: Total/NA
Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	804.1		mg/Kg		80	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	863.1		mg/Kg		84	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-98374/1-A
Matrix: Solid
Analysis Batch: 98376

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 08:34	1

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-98374/2-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.6		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-98374/3-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	245.0		mg/Kg		98	90 - 110	2	20

Lab Sample ID: 890-7492-2 MS

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1300	F1	1250	3073	F1	mg/Kg		142	90 - 110

Lab Sample ID: 890-7492-2 MSD

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1300	F1	1250	3070	F1	mg/Kg		142	90 - 110	0	20

Lab Sample ID: MB 880-98373/1-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 03:00	1

Lab Sample ID: LCS 880-98373/2-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	258.6		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-98373/3-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	257.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-7492-20 MS

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: SS 477

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	126		257	387.5		mg/Kg		102	90 - 110

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-7492-20 MSD							Client Sample ID: SS 477					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 98377												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	126		248	372.8		mg/Kg		100	90 - 110	4	20	

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA

Analysis Batch: 98350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-2	SS 20	Total/NA	Solid	8021B	98432
890-7492-3	SS 64	Total/NA	Solid	8021B	98432
890-7492-4	SS 80	Total/NA	Solid	8021B	98432
890-7492-5	SS 262	Total/NA	Solid	8021B	98432
890-7492-6	SS 320	Total/NA	Solid	8021B	98432
MB 880-98432/5-A	Method Blank	Total/NA	Solid	8021B	98432
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	8021B	98432
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98432

Analysis Batch: 98351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	8021B	98433
890-7492-8	SS 46	Total/NA	Solid	8021B	98433
890-7492-9	SS 107	Total/NA	Solid	8021B	98433
890-7492-10	SS 290	Total/NA	Solid	8021B	98433
890-7492-11	SS 339	Total/NA	Solid	8021B	98433
890-7492-12	SS 495	Total/NA	Solid	8021B	98433
MB 880-98433/5-A	Method Blank	Total/NA	Solid	8021B	98433
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	8021B	98433
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98433

Analysis Batch: 98352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	8021B	98434
890-7492-20	SS 477	Total/NA	Solid	8021B	98434
890-7492-21	SS 176	Total/NA	Solid	8021B	98434
890-7492-22	SS 138	Total/NA	Solid	8021B	98434
890-7492-23	SS 420	Total/NA	Solid	8021B	98434
MB 880-98434/5-A	Method Blank	Total/NA	Solid	8021B	98434
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	8021B	98434
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98434

Analysis Batch: 98353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8021B	98435
890-7492-14	SS 154	Total/NA	Solid	8021B	98435
890-7492-15	SS 504	Total/NA	Solid	8021B	98435
890-7492-16	SS 398	Total/NA	Solid	8021B	98435
890-7492-17	SS 183	Total/NA	Solid	8021B	98435
890-7492-18	SS 200	Total/NA	Solid	8021B	98435
MB 880-98435/5-A	Method Blank	Total/NA	Solid	8021B	98435
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	8021B	98435
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98435

Prep Batch: 98432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	5035	
890-7492-2	SS 20	Total/NA	Solid	5035	
890-7492-3	SS 64	Total/NA	Solid	5035	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Prep Batch: 98432 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-4	SS 80	Total/NA	Solid	5035	
890-7492-5	SS 262	Total/NA	Solid	5035	
890-7492-6	SS 320	Total/NA	Solid	5035	
MB 880-98432/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	5035	
890-7492-8	SS 46	Total/NA	Solid	5035	
890-7492-9	SS 107	Total/NA	Solid	5035	
890-7492-10	SS 290	Total/NA	Solid	5035	
890-7492-11	SS 339	Total/NA	Solid	5035	
890-7492-12	SS 495	Total/NA	Solid	5035	
MB 880-98433/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	5035	
890-7492-20	SS 477	Total/NA	Solid	5035	
890-7492-21	SS 176	Total/NA	Solid	5035	
890-7492-22	SS 138	Total/NA	Solid	5035	
890-7492-23	SS 420	Total/NA	Solid	5035	
MB 880-98434/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	5035	
890-7492-14	SS 154	Total/NA	Solid	5035	
890-7492-15	SS 504	Total/NA	Solid	5035	
890-7492-16	SS 398	Total/NA	Solid	5035	
890-7492-17	SS 183	Total/NA	Solid	5035	
890-7492-18	SS 200	Total/NA	Solid	5035	
MB 880-98435/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 98498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	Total BTEX	
890-7492-2	SS 20	Total/NA	Solid	Total BTEX	
890-7492-3	SS 64	Total/NA	Solid	Total BTEX	
890-7492-4	SS 80	Total/NA	Solid	Total BTEX	
890-7492-5	SS 262	Total/NA	Solid	Total BTEX	
890-7492-6	SS 320	Total/NA	Solid	Total BTEX	
890-7492-7	SS 488	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Analysis Batch: 98498 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-8	SS 46	Total/NA	Solid	Total BTEX	
890-7492-9	SS 107	Total/NA	Solid	Total BTEX	
890-7492-10	SS 290	Total/NA	Solid	Total BTEX	
890-7492-11	SS 339	Total/NA	Solid	Total BTEX	
890-7492-12	SS 495	Total/NA	Solid	Total BTEX	
890-7492-13	SS 129	Total/NA	Solid	Total BTEX	
890-7492-14	SS 154	Total/NA	Solid	Total BTEX	
890-7492-15	SS 504	Total/NA	Solid	Total BTEX	
890-7492-16	SS 398	Total/NA	Solid	Total BTEX	
890-7492-17	SS 183	Total/NA	Solid	Total BTEX	
890-7492-18	SS 200	Total/NA	Solid	Total BTEX	
890-7492-19	SS 435	Total/NA	Solid	Total BTEX	
890-7492-20	SS 477	Total/NA	Solid	Total BTEX	
890-7492-21	SS 176	Total/NA	Solid	Total BTEX	
890-7492-22	SS 138	Total/NA	Solid	Total BTEX	
890-7492-23	SS 420	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 98401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015NM Prep	
890-7492-2	SS 20	Total/NA	Solid	8015NM Prep	
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 98402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-4	SS 80	Total/NA	Solid	8015NM Prep	
890-7492-5	SS 262	Total/NA	Solid	8015NM Prep	
890-7492-6	SS 320	Total/NA	Solid	8015NM Prep	
890-7492-7	SS 488	Total/NA	Solid	8015NM Prep	
890-7492-8	SS 46	Total/NA	Solid	8015NM Prep	
890-7492-9	SS 107	Total/NA	Solid	8015NM Prep	
890-7492-10	SS 290	Total/NA	Solid	8015NM Prep	
890-7492-11	SS 339	Total/NA	Solid	8015NM Prep	
890-7492-12	SS 495	Total/NA	Solid	8015NM Prep	
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-3 MS	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-3 MSD	SS 64	Total/NA	Solid	8015NM Prep	

Prep Batch: 98403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-14	SS 154	Total/NA	Solid	8015NM Prep	
890-7492-15	SS 504	Total/NA	Solid	8015NM Prep	
890-7492-16	SS 398	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Prep Batch: 98403 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-17	SS 183	Total/NA	Solid	8015NM Prep	
890-7492-18	SS 200	Total/NA	Solid	8015NM Prep	
890-7492-19	SS 435	Total/NA	Solid	8015NM Prep	
890-7492-20	SS 477	Total/NA	Solid	8015NM Prep	
890-7492-21	SS 176	Total/NA	Solid	8015NM Prep	
890-7492-22	SS 138	Total/NA	Solid	8015NM Prep	
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-13 MS	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-13 MSD	SS 129	Total/NA	Solid	8015NM Prep	

Prep Batch: 98404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015NM Prep	
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-23 MS	SS 420	Total/NA	Solid	8015NM Prep	
890-7492-23 MSD	SS 420	Total/NA	Solid	8015NM Prep	

Analysis Batch: 98423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015B NM	98401
890-7492-2	SS 20	Total/NA	Solid	8015B NM	98401
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015B NM	98401
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98401
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98401

Analysis Batch: 98425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-4	SS 80	Total/NA	Solid	8015B NM	98402
890-7492-5	SS 262	Total/NA	Solid	8015B NM	98402
890-7492-6	SS 320	Total/NA	Solid	8015B NM	98402
890-7492-7	SS 488	Total/NA	Solid	8015B NM	98402
890-7492-8	SS 46	Total/NA	Solid	8015B NM	98402
890-7492-9	SS 107	Total/NA	Solid	8015B NM	98402
890-7492-10	SS 290	Total/NA	Solid	8015B NM	98402
890-7492-11	SS 339	Total/NA	Solid	8015B NM	98402
890-7492-12	SS 495	Total/NA	Solid	8015B NM	98402
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015B NM	98402
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98402
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98402
890-7492-3 MS	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-3 MSD	SS 64	Total/NA	Solid	8015B NM	98402

Analysis Batch: 98427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-14	SS 154	Total/NA	Solid	8015B NM	98403

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Analysis Batch: 98427 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-15	SS 504	Total/NA	Solid	8015B NM	98403
890-7492-16	SS 398	Total/NA	Solid	8015B NM	98403
890-7492-17	SS 183	Total/NA	Solid	8015B NM	98403
890-7492-18	SS 200	Total/NA	Solid	8015B NM	98403
890-7492-19	SS 435	Total/NA	Solid	8015B NM	98403
890-7492-20	SS 477	Total/NA	Solid	8015B NM	98403
890-7492-21	SS 176	Total/NA	Solid	8015B NM	98403
890-7492-22	SS 138	Total/NA	Solid	8015B NM	98403
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015B NM	98403
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98403
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98403
890-7492-13 MS	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-13 MSD	SS 129	Total/NA	Solid	8015B NM	98403

Analysis Batch: 98430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015B NM	98404
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015B NM	98404
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98404
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98404
890-7492-23 MS	SS 420	Total/NA	Solid	8015B NM	98404
890-7492-23 MSD	SS 420	Total/NA	Solid	8015B NM	98404

Analysis Batch: 98523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015 NM	
890-7492-2	SS 20	Total/NA	Solid	8015 NM	
890-7492-3	SS 64	Total/NA	Solid	8015 NM	
890-7492-4	SS 80	Total/NA	Solid	8015 NM	
890-7492-5	SS 262	Total/NA	Solid	8015 NM	
890-7492-6	SS 320	Total/NA	Solid	8015 NM	
890-7492-7	SS 488	Total/NA	Solid	8015 NM	
890-7492-8	SS 46	Total/NA	Solid	8015 NM	
890-7492-9	SS 107	Total/NA	Solid	8015 NM	
890-7492-10	SS 290	Total/NA	Solid	8015 NM	
890-7492-11	SS 339	Total/NA	Solid	8015 NM	
890-7492-12	SS 495	Total/NA	Solid	8015 NM	
890-7492-13	SS 129	Total/NA	Solid	8015 NM	
890-7492-14	SS 154	Total/NA	Solid	8015 NM	
890-7492-15	SS 504	Total/NA	Solid	8015 NM	
890-7492-16	SS 398	Total/NA	Solid	8015 NM	
890-7492-17	SS 183	Total/NA	Solid	8015 NM	
890-7492-18	SS 200	Total/NA	Solid	8015 NM	
890-7492-19	SS 435	Total/NA	Solid	8015 NM	
890-7492-20	SS 477	Total/NA	Solid	8015 NM	
890-7492-21	SS 176	Total/NA	Solid	8015 NM	
890-7492-22	SS 138	Total/NA	Solid	8015 NM	
890-7492-23	SS 420	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC

Leach Batch: 98373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	DI Leach	
890-7492-13	SS 129	Soluble	Solid	DI Leach	
890-7492-14	SS 154	Soluble	Solid	DI Leach	
890-7492-15	SS 504	Soluble	Solid	DI Leach	
890-7492-16	SS 398	Soluble	Solid	DI Leach	
890-7492-17	SS 183	Soluble	Solid	DI Leach	
890-7492-18	SS 200	Soluble	Solid	DI Leach	
890-7492-19	SS 435	Soluble	Solid	DI Leach	
890-7492-20	SS 477	Soluble	Solid	DI Leach	
890-7492-21	SS 176	Soluble	Solid	DI Leach	
890-7492-22	SS 138	Soluble	Solid	DI Leach	
890-7492-23	SS 420	Soluble	Solid	DI Leach	
MB 880-98373/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-20 MS	SS 477	Soluble	Solid	DI Leach	
890-7492-20 MSD	SS 477	Soluble	Solid	DI Leach	

Leach Batch: 98374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	DI Leach	
890-7492-2	SS 20	Soluble	Solid	DI Leach	
890-7492-3	SS 64	Soluble	Solid	DI Leach	
890-7492-4	SS 80	Soluble	Solid	DI Leach	
890-7492-5	SS 262	Soluble	Solid	DI Leach	
890-7492-6	SS 320	Soluble	Solid	DI Leach	
890-7492-7	SS 488	Soluble	Solid	DI Leach	
890-7492-8	SS 46	Soluble	Solid	DI Leach	
890-7492-9	SS 107	Soluble	Solid	DI Leach	
890-7492-10	SS 290	Soluble	Solid	DI Leach	
890-7492-11	SS 339	Soluble	Solid	DI Leach	
MB 880-98374/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-2 MS	SS 20	Soluble	Solid	DI Leach	
890-7492-2 MSD	SS 20	Soluble	Solid	DI Leach	

Analysis Batch: 98376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	300.0	98374
890-7492-2	SS 20	Soluble	Solid	300.0	98374
890-7492-3	SS 64	Soluble	Solid	300.0	98374
890-7492-4	SS 80	Soluble	Solid	300.0	98374
890-7492-5	SS 262	Soluble	Solid	300.0	98374
890-7492-6	SS 320	Soluble	Solid	300.0	98374
890-7492-7	SS 488	Soluble	Solid	300.0	98374
890-7492-8	SS 46	Soluble	Solid	300.0	98374
890-7492-9	SS 107	Soluble	Solid	300.0	98374
890-7492-10	SS 290	Soluble	Solid	300.0	98374
890-7492-11	SS 339	Soluble	Solid	300.0	98374
MB 880-98374/1-A	Method Blank	Soluble	Solid	300.0	98374

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC (Continued)

Analysis Batch: 98376 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	300.0	98374
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98374
890-7492-2 MS	SS 20	Soluble	Solid	300.0	98374
890-7492-2 MSD	SS 20	Soluble	Solid	300.0	98374

Analysis Batch: 98377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	300.0	98373
890-7492-13	SS 129	Soluble	Solid	300.0	98373
890-7492-14	SS 154	Soluble	Solid	300.0	98373
890-7492-15	SS 504	Soluble	Solid	300.0	98373
890-7492-16	SS 398	Soluble	Solid	300.0	98373
890-7492-17	SS 183	Soluble	Solid	300.0	98373
890-7492-18	SS 200	Soluble	Solid	300.0	98373
890-7492-19	SS 435	Soluble	Solid	300.0	98373
890-7492-20	SS 477	Soluble	Solid	300.0	98373
890-7492-21	SS 176	Soluble	Solid	300.0	98373
890-7492-22	SS 138	Soluble	Solid	300.0	98373
890-7492-23	SS 420	Soluble	Solid	300.0	98373
MB 880-98373/1-A	Method Blank	Soluble	Solid	300.0	98373
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	300.0	98373
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98373
890-7492-20 MS	SS 477	Soluble	Solid	300.0	98373
890-7492-20 MSD	SS 477	Soluble	Solid	300.0	98373

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01

Date Collected: 12/19/24 08:20

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 11:51
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		5	98350	MNR	EET MID	12/20/24 13:55
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:55
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		20	98376	CH	EET MID	12/20/24 10:49

Client Sample ID: SS 20

Date Collected: 12/19/24 08:36

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:15
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:15
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 10:58

Client Sample ID: SS 64

Date Collected: 12/19/24 08:47

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 12:33
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:33
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 09:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 09:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:54

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Date Collected: 12/19/24 08:53

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:36
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:36
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:24
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:24
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:30

Client Sample ID: SS 262

Date Collected: 12/19/24 08:59

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		50	98350	MNR	EET MID	12/20/24 13:14
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:14
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:38
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:38
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:48

Client Sample ID: SS 320

Date Collected: 12/19/24 09:04

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		25	98350	MNR	EET MID	12/20/24 13:34
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:34
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:53
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:53
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:59

Client Sample ID: SS 488

Date Collected: 12/19/24 09:12

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		100	98351	MNR	EET MID	12/20/24 12:24
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:24

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488
Date Collected: 12/19/24 09:12
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:08
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:08
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:06

Client Sample ID: SS 46
Date Collected: 12/19/24 10:15
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 12:45
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:45
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:25
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:25
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:11

Client Sample ID: SS 107
Date Collected: 12/19/24 10:22
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:05
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:05
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:17

Client Sample ID: SS 290
Date Collected: 12/19/24 10:30
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:25
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:25
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:54
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:54

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 290
Date Collected: 12/19/24 10:30
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:23

Client Sample ID: SS 339
Date Collected: 12/19/24 10:37
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:46
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:46
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:29

Client Sample ID: SS 495
Date Collected: 12/19/24 10:44
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 14:06
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:06
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:36

Client Sample ID: SS 129
Date Collected: 12/19/24 11:07
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 11:49
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 11:49
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:43

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:10
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:10
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:00
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:00
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:50

Client Sample ID: SS 504

Lab Sample ID: 890-7492-15

Date Collected: 12/19/24 11:40

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		10	98353	MNR	EET MID	12/20/24 13:32
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:32
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:15
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:15
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:12

Client Sample ID: SS 398

Lab Sample ID: 890-7492-16

Date Collected: 12/19/24 11:27

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:30
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:30
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:31
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:31
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:19

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:51
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:51

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:47
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:47
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:26

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 13:11
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:11
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:03
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:03
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:33

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:07
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:07
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:20
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:20
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:40

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:27
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:27
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:36
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:36

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:48

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		10	98352	MNR	EET MID	12/20/24 13:28
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:28
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:52
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:52
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:09

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:48
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:48
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 14:07
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 14:07
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 10:16

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 13:08
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:08
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98404	EL	EET MID	12/19/24 21:32
Total/NA	Analysis	8015B NM		1	98430	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:38

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Accreditation/Certification Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7492-1	SS 01	Solid	12/19/24 08:20	12/19/24 15:45	- SURFACE
890-7492-2	SS 20	Solid	12/19/24 08:36	12/19/24 15:45	- SURFACE
890-7492-3	SS 64	Solid	12/19/24 08:47	12/19/24 15:45	- SURFACE
890-7492-4	SS 80	Solid	12/19/24 08:53	12/19/24 15:45	- SURFACE
890-7492-5	SS 262	Solid	12/19/24 08:59	12/19/24 15:45	- SURFACE
890-7492-6	SS 320	Solid	12/19/24 09:04	12/19/24 15:45	- SURFACE
890-7492-7	SS 488	Solid	12/19/24 09:12	12/19/24 15:45	- SURFACE
890-7492-8	SS 46	Solid	12/19/24 10:15	12/19/24 15:45	- SURFACE
890-7492-9	SS 107	Solid	12/19/24 10:22	12/19/24 15:45	- SURFACE
890-7492-10	SS 290	Solid	12/19/24 10:30	12/19/24 15:45	- SURFACE
890-7492-11	SS 339	Solid	12/19/24 10:37	12/19/24 15:45	- SURFACE
890-7492-12	SS 495	Solid	12/19/24 10:44	12/19/24 15:45	- SURFACE
890-7492-13	SS 129	Solid	12/19/24 11:07	12/19/24 15:45	- SURFACE
890-7492-14	SS 154	Solid	12/19/24 11:19	12/19/24 15:45	- SURFACE
890-7492-15	SS 504	Solid	12/19/24 11:40	12/19/24 15:45	- SURFACE
890-7492-16	SS 398	Solid	12/19/24 11:27	12/19/24 15:45	- SURFACE
890-7492-17	SS 183	Solid	12/19/24 11:44	12/19/24 15:45	- SURFACE
890-7492-18	SS 200	Solid	12/19/24 11:49	12/19/24 15:45	- SURFACE
890-7492-19	SS 435	Solid	12/19/24 11:53	12/19/24 15:45	- SURFACE
890-7492-20	SS 477	Solid	12/19/24 12:02	12/19/24 15:45	- SURFACE
890-7492-21	SS 176	Solid	12/19/24 12:07	12/19/24 15:45	- SURFACE
890-7492-22	SS 138	Solid	12/19/24 12:17	12/19/24 15:45	- SURFACE
890-7492-23	SS 420	Solid	12/19/24 12:22	12/19/24 15:45	- SURFACE



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No: _____

Page 1 of 3

Project Manager: <u>Michael Wicker</u>		Bill to: (if different)		<u>CDH Consulting</u>	
Company Name: <u>Cotto</u>		Company Name:			
Address:		Address:			
City, State ZIP:		City, State ZIP:			
Phone: <u>506-970-8459</u>		Email: <u>mwicker@cdhconsult.com</u>			

Project Name: <u>Close Encounter 30114</u>	Turn Around	Pres. Code
Project Number:	☐ Routine ☒ Rush	
Project Location: <u>Buckeye, NM</u>	Due Date: <u>12-20-2024</u>	
Sampler's Name: <u>Dakotah Cueto</u>	TAT starts the day received by the lab, if received by 4:30pm	
PO #:		

SAMPLE RECEIPT		Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐
Samples Received Intact:		Yes ☒ No ☐	Thermometer ID:	<u>Tuner</u>	
Cooler Custody Seals:		Yes ☒ No ☐	Correction Factor:	<u>-0.2</u>	
Sample Custody Seals:		Yes ☒ No ☐	Temperature Reading:	<u>5.8</u>	
Total Containers:		Corrected Temperature: <u>5.0</u>			

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters	Pres. Code	ANALYSIS REQUEST	Preservative Codes	Sample Comments
SS01	S	12-19-24	08:20	Surf	C	1				None: NO	DI Water: H ₂ O
SS20	S		08:36		C	1				Cool: Cool	MeOH: Me
SS64	S		08:47		C	1				HCL: HC	HNO ₃
SS80	S		08:53		C	1				H ₂ SO ₄ : H ₂	NaOH: Na
SS262	S		08:59		C	1				H ₃ PO ₄ : HP	
SS320	S		09:04		C	1				NaHSO ₄ : NABIS	
SS488	S		09:12		C	1				Na ₂ S ₂ O ₃ : NaSO ₃	
SS46	S		10:15		C	1				Zn Acetate+NaOH: Zn	
SS107	S		10:22		C	1				NaOH+Ascorbic Acid: SAPC	
SS290	S		10:30		C	1					

Total 200.7 / 6010 200.8 / 6020:		8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn	
Circle Method(s) and Metal(s) to be analyzed		TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471	

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>Dakotah Cueto</u>	<u>[Signature]</u>	<u>12/19 1545</u>			
3		4			
5		6			

Chain of Custody



Environment Testing

Work Order No:

Page 2 of 3

Project Manager: Michael Wicker								Bill to: (if different)						CDH Consulting										
Company Name: CDH								Company Name:																
Address:								Address:																
City, State ZIP:								City, State ZIP:																
Phone: 970-970-8459								Email: mwicker@cdhconsult.com																
Project Name: Close Encounters golf								Turn Around																
Project Number:								☐ Routine ☒ Rush																
Project Location: Buckeye, NM								Due Date: 12-20-2024																
Sampler's Name: Dakotah Cueto								TAT started the day received by the lab, if received by 4:30pm																
PO #:																								
SAMPLE RECEIPT								Temp Blank: Yes No Wet Ice: Yes No																
Samples Received Intact: Yes No Thermometer ID:																								
Cooler Custody Seals: Yes No N/A Correction Factor:																								
Sample Custody Seals: Yes No N/A Temperature Reading:																								
Total Containers:								Corrected Temperature:																
Sample Identification								Matrix		Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters									
SS339								S	12/19/2024	10:37	Surf	C	1											
SS495								S		10:44		C	1											
SS129								S		11:07		C	1											
SS154								S		11:19		C	1											
SS504								S		11:40		C	1											
SS398								S		11:27		C	1											
SS183								S		11:44		C	1											
SS200								S		11:49		C	1											
SS435								S		11:53		C	1											
SS477								S		12:02		C	1											
Total 200.7 / 6010 200.8 / 6020:								8RCRA Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn																
Circle Method(s) and Metal(s) to be analyzed								TCPLP/SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471																
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.																								
Relinquished by: (Signature) Dakotah Cueto				Received by: (Signature)				Date/Time 2				Relinquished by: (Signature)				Received by: (Signature)				Date/Time				



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3499
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 3 of 3

[illegible]

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Source: Eurofins Midland

List Number: 2

List Creation: 12/19/24 09:21 PM

Creator: Laing, Edmundo

Question	Answer	Comment
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time (excluding tests with immediate HTs)		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").		



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Michael Wicker
CDH Consulting
9446 Clermont St,
Thornton, Colorado 80229
Generated 12/20/2024 3:02:55 PM

JOB DESCRIPTION

CLOSE ENCOUNTER 301 H
BUCKEYE

JOB NUMBER

890-7492-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

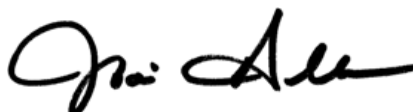
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
12/20/2024 3:02:55 PM

Authorized for release by
Jodi Allen, Project Manager I
Jodi.Allen@et.eurofinsus.com
(281)520-2865

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Laboratory Job ID: 890-7492-1
SDG: BUCKEYE

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Definitions/Glossary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1

Eurofins Carlsbad

Job Narrative
890-7492-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 12/19/2024 3:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 64 (890-7492-3), SS 80 (890-7492-4), SS 262 (890-7492-5), SS 320 (890-7492-6), SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11), SS 495 (890-7492-12), SS 129 (890-7492-13), SS 154 (890-7492-14), SS 504 (890-7492-15), SS 398 (890-7492-16), SS 183 (890-7492-17), SS 200 (890-7492-18), SS 435 (890-7492-19), SS 477 (890-7492-20), SS 176 (890-7492-21), SS 138 (890-7492-22) and SS 420 (890-7492-23).

GC VOA

Method 8021B: The following samples were diluted due to physical characteristics such as color, odor, appearance, viscosity, etc. >>: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 80 (890-7492-4), SS 262 (890-7492-5) and SS 320 (890-7492-6). Elevated reporting limits (RL) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 01 (890-7492-1), SS 20 (890-7492-2) and SS 64 (890-7492-3). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 398 (890-7492-16) and SS 200 (890-7492-18). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SS 176 (890-7492-21). Evidence of matrix interferences is not obvious.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11) and SS 495 (890-7492-12). Elevated reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 46 (890-7492-8), SS 290 (890-7492-10) and SS 495 (890-7492-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: SS 504 (890-7492-15). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-98402/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98402 and analytical batch 880-98425 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within

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Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1 (Continued)

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acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SS 262 (890-7492-5). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Due to the high concentration of Diesel Range Organics (Over C10-C28), the matrix spike (MS) for preparation batch 880-98403 and analytical batch 880-98427 could not be evaluated for accuracy. The associated matrix spike duplicate (MSD) met acceptance criteria.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SS 477 (890-7492-20), (LCS 880-98403/2-A) and (LCSD 880-98403/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The method blank for preparation batch 880-98404 and analytical batch 880-98430 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-98404/2-A) and (LCSD 880-98404/3-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-98404 and analytical batch 880-98430 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The laboratory control sample (LCS) for preparation batch 880-98403 and analytical batch 880-98427 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10. Since only an acceptable LCSD is required per the method, the LCSD shows recovery for the batch and the data has been qualified and reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98374 and analytical batch 880-98376 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01

Lab Sample ID: 890-7492-1

Date Collected: 12/19/24 08:20

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0101	U	0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Ethylbenzene	0.0947		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Toluene	0.0306		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Xylenes, Total	1.81		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
m-Xylene & p-Xylene	0.0449		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
o-Xylene	1.77		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 11:51	20
1,4-Difluorobenzene (Surr)	124		70 - 130	12/20/24 08:24	12/20/24 11:51	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.94		0.0202		mg/Kg			12/20/24 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	287		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	287		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	12/19/24 21:26	12/20/24 12:09	1
o-Terphenyl	86		70 - 130	12/19/24 21:26	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17600		199		mg/Kg			12/20/24 10:49	20

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Ethylbenzene	0.0420		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Toluene	0.0216		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Xylenes, Total	0.350		0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
m-Xylene & p-Xylene	<0.0401	U	0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
o-Xylene	0.350		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	12/20/24 08:24	12/20/24 14:15	10

Eurofins Carlsbad

Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	136	S1+	70 - 130	12/20/24 08:24	12/20/24 14:15	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.414		0.0401		mg/Kg			12/20/24 14:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	110		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	110		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				12/19/24 21:26	12/20/24 12:23	1
o-Terphenyl	77		70 - 130				12/19/24 21:26	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300	F1	49.9		mg/Kg			12/20/24 10:58	5

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Ethylbenzene	0.242		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Toluene	0.0581		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Xylenes, Total	0.781		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
m-Xylene & p-Xylene	0.189		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
o-Xylene	0.592		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20
1,4-Difluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.08		0.0795		mg/Kg			12/20/24 12:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	631		50.0		mg/Kg			12/20/24 09:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Diesel Range Organics (Over C10-C28)	631	F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 09:40	1
o-Terphenyl	78		70 - 130				12/19/24 21:28	12/20/24 09:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3110		50.2		mg/Kg			12/20/24 11:54	5

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Ethylbenzene	0.0344		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Toluene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Xylenes, Total	0.680		0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
m-Xylene & p-Xylene	<0.0399	U	0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
o-Xylene	0.680		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				12/20/24 08:24	12/20/24 14:36	10
1,4-Difluorobenzene (Surr)	106		70 - 130				12/20/24 08:24	12/20/24 14:36	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.714		0.0399		mg/Kg			12/20/24 14:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	188		50.0		mg/Kg			12/20/24 10:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Diesel Range Organics (Over C10-C28)	188		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				12/19/24 21:28	12/20/24 10:24	1
o-Terphenyl	74		70 - 130				12/19/24 21:28	12/20/24 10:24	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3070		100		mg/Kg			12/20/24 11:30	10

Client Sample ID: SS 262

Lab Sample ID: 890-7492-5

Date Collected: 12/19/24 08:59

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Ethylbenzene	0.966		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Toluene	0.415		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Xylenes, Total	1.51		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
m-Xylene & p-Xylene	0.756		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
o-Xylene	0.754		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				12/20/24 08:24	12/20/24 13:14	50
1,4-Difluorobenzene (Surr)	122		70 - 130				12/20/24 08:24	12/20/24 13:14	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.89		0.202		mg/Kg			12/20/24 13:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	463		50.0		mg/Kg			12/20/24 10:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Diesel Range Organics (Over C10-C28)	463		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				12/19/24 21:28	12/20/24 10:38	1
o-Terphenyl	69	S1-	70 - 130				12/19/24 21:28	12/20/24 10:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4470		99.4		mg/Kg			12/20/24 11:48	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 320

Lab Sample ID: 890-7492-6

Date Collected: 12/19/24 09:04

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0503	U	0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Ethylbenzene	0.537		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Toluene	0.125		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Xylenes, Total	1.20		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
m-Xylene & p-Xylene	0.454		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
o-Xylene	0.746		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	12/20/24 08:24	12/20/24 13:34	25
1,4-Difluorobenzene (Surr)	126		70 - 130	12/20/24 08:24	12/20/24 13:34	25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.86		0.101		mg/Kg			12/20/24 13:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	876		49.7		mg/Kg			12/20/24 10:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Diesel Range Organics (Over C10-C28)	876		49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130	12/19/24 21:28	12/20/24 10:53	1
o-Terphenyl	75		70 - 130	12/19/24 21:28	12/20/24 10:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3410		49.8		mg/Kg			12/20/24 11:59	5

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.199	U	0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Ethylbenzene	1.92		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Toluene	0.602		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Xylenes, Total	3.04		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
m-Xylene & p-Xylene	1.78		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
o-Xylene	1.26		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	12/20/24 08:27	12/20/24 12:24	100

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	100		70 - 130	12/20/24 08:27	12/20/24 12:24	100

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	5.56		0.398		mg/Kg			12/20/24 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2500		49.8		mg/Kg			12/20/24 11:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.7		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Diesel Range Organics (Over C10-C28)	2410		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:08	1
o-Terphenyl	95		70 - 130				12/19/24 21:28	12/20/24 11:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3680		49.6		mg/Kg			12/20/24 12:06	5

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.11		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Ethylbenzene	9.28		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Toluene	7.96		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Xylenes, Total	10.9		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
m-Xylene & p-Xylene	6.88		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
o-Xylene	4.05		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130	12/20/24 08:27	12/20/24 12:45	50
1,4-Difluorobenzene (Surr)	94		70 - 130	12/20/24 08:27	12/20/24 12:45	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	29.3		0.200		mg/Kg			12/20/24 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1330		49.9		mg/Kg			12/20/24 11:25	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	95.0		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Diesel Range Organics (Over C10-C28)	1230		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:25	1
o-Terphenyl	81		70 - 130				12/19/24 21:28	12/20/24 11:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5420		101		mg/Kg			12/20/24 12:11	10

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Ethylbenzene	1.52		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Toluene	0.807		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Xylenes, Total	4.70		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
m-Xylene & p-Xylene	3.88		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
o-Xylene	0.815		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				12/20/24 08:27	12/20/24 13:05	50
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:27	12/20/24 13:05	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	7.02		0.202		mg/Kg			12/20/24 13:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	60.0		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Diesel Range Organics (Over C10-C28)	1450		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:40	1
o-Terphenyl	86		70 - 130				12/19/24 21:28	12/20/24 11:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5250		99.4		mg/Kg			12/20/24 12:17	10

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.151		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Ethylbenzene	3.30		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Toluene	1.75		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Xylenes, Total	4.33		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
m-Xylene & p-Xylene	2.60		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
o-Xylene	1.73		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:27	12/20/24 13:25	50
1,4-Difluorobenzene (Surr)	100		70 - 130				12/20/24 08:27	12/20/24 13:25	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	9.53		0.201		mg/Kg			12/20/24 13:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2470		49.8		mg/Kg			12/20/24 11:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	129		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Diesel Range Organics (Over C10-C28)	2340		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				12/19/24 21:28	12/20/24 11:54	1
o-Terphenyl	105		70 - 130				12/19/24 21:28	12/20/24 11:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5400		99.8		mg/Kg			12/20/24 12:23	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.106		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Ethylbenzene	3.81		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Toluene	1.12		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Xylenes, Total	5.28		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
m-Xylene & p-Xylene	3.48		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
o-Xylene	1.80		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	12/20/24 08:27	12/20/24 13:46	50
1,4-Difluorobenzene (Surr)	99		70 - 130	12/20/24 08:27	12/20/24 13:46	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	10.3		0.200		mg/Kg			12/20/24 13:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3950		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	154		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	3800		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	12/19/24 21:28	12/20/24 12:09	1
o-Terphenyl	121		70 - 130	12/19/24 21:28	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4280		49.9		mg/Kg			12/20/24 12:29	5

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0994	U	0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Ethylbenzene	5.40		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Toluene	1.34		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Xylenes, Total	7.57		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
m-Xylene & p-Xylene	4.90		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
o-Xylene	2.67		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130	12/20/24 08:27	12/20/24 14:06	50

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	12/20/24 08:27	12/20/24 14:06	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	14.3		0.199		mg/Kg			12/20/24 14:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3070		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	177		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	2890		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:28	12/20/24 12:23	1
o-Terphenyl	108		70 - 130				12/19/24 21:28	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3660		49.6		mg/Kg			12/20/24 08:36	5

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Ethylbenzene	0.0238		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Toluene	0.00837		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Xylenes, Total	0.0306		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
m-Xylene & p-Xylene	0.0204		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
o-Xylene	0.0102		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	12/20/24 08:33	12/20/24 11:49	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/20/24 08:33	12/20/24 11:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0628		0.00404		mg/Kg			12/20/24 11:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	538		49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Diesel Range Organics (Over C10-C28)	538	F1	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 11:11	1
o-Terphenyl	79		70 - 130				12/19/24 21:30	12/20/24 11:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3350		50.0		mg/Kg			12/20/24 08:43	5

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Ethylbenzene	0.0475		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Toluene	0.0124		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Xylenes, Total	0.0632		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
m-Xylene & p-Xylene	0.0373		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
o-Xylene	0.0259		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				12/20/24 08:33	12/20/24 12:10	1
1,4-Difluorobenzene (Surr)	93		70 - 130				12/20/24 08:33	12/20/24 12:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.123		0.00401		mg/Kg			12/20/24 12:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2710		49.8		mg/Kg			12/20/24 12:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Diesel Range Organics (Over C10-C28)	2710		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 12:00	1
o-Terphenyl	120		70 - 130				12/19/24 21:30	12/20/24 12:00	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1710		50.3		mg/Kg			12/20/24 08:50	5

Client Sample ID: SS 504

Lab Sample ID: 890-7492-15

Date Collected: 12/19/24 11:40

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Ethylbenzene	0.563		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Toluene	0.173		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Xylenes, Total	0.464		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
m-Xylene & p-Xylene	0.290		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
o-Xylene	0.174		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				12/20/24 08:33	12/20/24 13:32	10
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:33	12/20/24 13:32	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.20		0.0398		mg/Kg			12/20/24 13:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 12:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Diesel Range Organics (Over C10-C28)	1510		50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				12/19/24 21:30	12/20/24 12:15	1
o-Terphenyl	97		70 - 130				12/19/24 21:30	12/20/24 12:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2990		50.0		mg/Kg			12/20/24 09:12	5

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 398

Lab Sample ID: 890-7492-16

Date Collected: 12/19/24 11:27

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0262		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Ethylbenzene	0.199		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Toluene	0.168		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Xylenes, Total	0.269		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
m-Xylene & p-Xylene	0.158		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
o-Xylene	0.111		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	12/20/24 08:33	12/20/24 12:30	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:33	12/20/24 12:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.662		0.00399		mg/Kg			12/20/24 12:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3130		49.9		mg/Kg			12/20/24 12:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.1	*+	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Diesel Range Organics (Over C10-C28)	3040		49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	12/19/24 21:30	12/20/24 12:31	1
o-Terphenyl	120		70 - 130	12/19/24 21:30	12/20/24 12:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2960		50.1		mg/Kg			12/20/24 09:19	5

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Ethylbenzene	0.0487		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Toluene	0.00442		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Xylenes, Total	0.0402		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
m-Xylene & p-Xylene	0.0276		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
o-Xylene	0.0126		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	12/20/24 08:33	12/20/24 12:51	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	75		70 - 130	12/20/24 08:33	12/20/24 12:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0933		0.00404		mg/Kg			12/20/24 12:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	311		49.8		mg/Kg			12/20/24 12:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Diesel Range Organics (Over C10-C28)	311		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				12/19/24 21:30	12/20/24 12:47	1
o-Terphenyl	77		70 - 130				12/19/24 21:30	12/20/24 12:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.8		9.96		mg/Kg			12/20/24 09:26	1

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Ethylbenzene	0.191		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Toluene	0.110		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Xylenes, Total	0.265		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
m-Xylene & p-Xylene	0.156		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
o-Xylene	0.109		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130	12/20/24 08:33	12/20/24 13:11	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 13:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.566		0.00402		mg/Kg			12/20/24 13:11	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2050		49.9		mg/Kg			12/20/24 13:03	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Diesel Range Organics (Over C10-C28)	2050		49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				12/19/24 21:30	12/20/24 13:03	1
o-Terphenyl	106		70 - 130				12/19/24 21:30	12/20/24 13:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	930		10.0		mg/Kg			12/20/24 09:33	1

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Ethylbenzene	0.00665		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Toluene	0.00205		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Xylenes, Total	0.0105		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
m-Xylene & p-Xylene	0.00628		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
o-Xylene	0.00418		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				12/20/24 08:30	12/20/24 12:07	1
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 12:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0192		0.00404		mg/Kg			12/20/24 12:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	601		49.7		mg/Kg			12/20/24 13:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U **	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Diesel Range Organics (Over C10-C28)	601		49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				12/19/24 21:30	12/20/24 13:20	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 13:20	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3030		49.7		mg/Kg			12/20/24 09:40	5

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Xylenes, Total	0.133		0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
o-Xylene	0.133		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				12/20/24 08:30	12/20/24 12:27	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/20/24 08:30	12/20/24 12:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.133		0.00401		mg/Kg			12/20/24 12:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/20/24 13:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 13:36	1
o-Terphenyl	66	S1-	70 - 130				12/19/24 21:30	12/20/24 13:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		10.0		mg/Kg			12/20/24 09:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Ethylbenzene	0.950		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Toluene	0.199		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Xylenes, Total	1.58		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
m-Xylene & p-Xylene	0.943		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
o-Xylene	0.636		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	193	S1+	70 - 130	12/20/24 08:30	12/20/24 13:28	10
1,4-Difluorobenzene (Surr)	104		70 - 130	12/20/24 08:30	12/20/24 13:28	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.73		0.0398		mg/Kg			12/20/24 13:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2110		49.8		mg/Kg			12/20/24 13:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Diesel Range Organics (Over C10-C28)	2110		49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	12/19/24 21:30	12/20/24 13:52	1
o-Terphenyl	112		70 - 130	12/19/24 21:30	12/20/24 13:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	812		9.98		mg/Kg			12/20/24 10:09	1

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Ethylbenzene	0.0120		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Toluene	0.00377		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Xylenes, Total	0.0233		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
m-Xylene & p-Xylene	0.0102		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
o-Xylene	0.0131		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	12/20/24 08:30	12/20/24 12:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130	12/20/24 08:30	12/20/24 12:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0391		0.00399		mg/Kg			12/20/24 12:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	573		49.8		mg/Kg			12/20/24 14:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Diesel Range Organics (Over C10-C28)	573		49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 14:07	1
o-Terphenyl	78		70 - 130				12/19/24 21:30	12/20/24 14:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2650		50.1		mg/Kg			12/20/24 10:16	5

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Xylenes, Total	0.0889		0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
o-Xylene	0.0889		0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	12/20/24 08:30	12/20/24 13:08	1
1,4-Difluorobenzene (Surr)	91		70 - 130	12/20/24 08:30	12/20/24 13:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0889		0.00404		mg/Kg			12/20/24 13:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 420
Date Collected: 12/19/24 12:22
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-23
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	104		70 - 130				12/19/24 21:32	12/20/24 11:11	1	
o-Terphenyl	109		70 - 130				12/19/24 21:32	12/20/24 11:11	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	162		9.94		mg/Kg			12/20/24 10:38	1	

Surrogate Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
890-7492-1	SS 01	131 S1+	124
890-7492-2	SS 20	128	136 S1+
890-7492-3	SS 64	137 S1+	131 S1+
890-7492-4	SS 80	144 S1+	106
890-7492-5	SS 262	125	122
890-7492-6	SS 320	126	126
890-7492-7	SS 488	106	100
890-7492-8	SS 46	171 S1+	94
890-7492-9	SS 107	107	101
890-7492-10	SS 290	131 S1+	100
890-7492-11	SS 339	122	99
890-7492-12	SS 495	139 S1+	104
890-7492-13	SS 129	109	95
890-7492-14	SS 154	99	93
890-7492-15	SS 504	110	94
890-7492-16	SS 398	141 S1+	96
890-7492-17	SS 183	88	75
890-7492-18	SS 200	159 S1+	93
890-7492-19	SS 435	113	104
890-7492-20	SS 477	98	95
890-7492-21	SS 176	193 S1+	104
890-7492-22	SS 138	115	103
890-7492-23	SS 420	95	91
LCS 880-98432/1-A	Lab Control Sample	101	96
LCS 880-98433/1-A	Lab Control Sample	96	103
LCS 880-98434/1-A	Lab Control Sample	107	104
LCS 880-98435/1-A	Lab Control Sample	106	99
LCSD 880-98432/2-A	Lab Control Sample Dup	103	99
LCSD 880-98433/2-A	Lab Control Sample Dup	94	103
LCSD 880-98434/2-A	Lab Control Sample Dup	109	103
LCSD 880-98435/2-A	Lab Control Sample Dup	108	98
MB 880-98432/5-A	Method Blank	112	85
MB 880-98433/5-A	Method Blank	98	96
MB 880-98434/5-A	Method Blank	111	101
MB 880-98435/5-A	Method Blank	92	93

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1	OTPH1
		(70-130)	(70-130)
890-7492-1	SS 01	83	86
890-7492-2	SS 20	76	77
890-7492-3	SS 64	75	78
890-7492-3 MS	SS 64	78	76

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Surrogate Summary

Client: CDH Consulting

Job ID: 890-7492-1

Project/Site: CLOSE ENCOUNTER 301 H

SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-3 MSD	SS 64	77	76
890-7492-4	SS 80	73	74
890-7492-5	SS 262	70	69 S1-
890-7492-6	SS 320	74	75
890-7492-7	SS 488	75	95
890-7492-8	SS 46	75	81
890-7492-9	SS 107	75	86
890-7492-10	SS 290	85	105
890-7492-11	SS 339	84	121
890-7492-12	SS 495	88	108
890-7492-13	SS 129	84	79
890-7492-13 MS	SS 129	80	81
890-7492-13 MSD	SS 129	79	81
890-7492-14	SS 154	84	120
890-7492-15	SS 504	92	97
890-7492-16	SS 398	85	120
890-7492-17	SS 183	87	77
890-7492-18	SS 200	82	106
890-7492-19	SS 435	77	74
890-7492-20	SS 477	81	66 S1-
890-7492-21	SS 176	88	112
890-7492-22	SS 138	81	78
890-7492-23	SS 420	104	109
890-7492-23 MS	SS 420	92	99
890-7492-23 MSD	SS 420	92	99
LCS 880-98401/2-A	Lab Control Sample	118	102
LCS 880-98402/2-A	Lab Control Sample	121	104
LCS 880-98403/2-A	Lab Control Sample	136 S1+	123
LCS 880-98404/2-A	Lab Control Sample	158 S1+	172 S1+
LCSD 880-98401/3-A	Lab Control Sample Dup	110	95
LCSD 880-98402/3-A	Lab Control Sample Dup	145 S1+	123
LCSD 880-98403/3-A	Lab Control Sample Dup	133 S1+	120
LCSD 880-98404/3-A	Lab Control Sample Dup	166 S1+	175 S1+
MB 880-98401/1-A	Method Blank	81	80
MB 880-98402/1-A	Method Blank	75	75
MB 880-98403/1-A	Method Blank	91	74
MB 880-98404/1-A	Method Blank	93	96
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-98432/5-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	12/20/24 08:24	12/20/24 11:08	1
1,4-Difluorobenzene (Surr)	85		70 - 130	12/20/24 08:24	12/20/24 11:08	1

Lab Sample ID: LCS 880-98432/1-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1137		mg/Kg		114	70 - 130
Ethylbenzene	0.100	0.1107		mg/Kg		111	70 - 130
Toluene	0.100	0.1082		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2221		mg/Kg		111	70 - 130
o-Xylene	0.100	0.1128		mg/Kg		113	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-98432/2-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1182		mg/Kg		118	70 - 130	4	35
Ethylbenzene	0.100	0.1145		mg/Kg		114	70 - 130	3	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2282		mg/Kg		114	70 - 130	3	35
o-Xylene	0.100	0.1165		mg/Kg		117	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	12/20/24 08:27	12/20/24 11:02	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:27	12/20/24 11:02	1

Lab Sample ID: LCS 880-98433/1-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1001		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09410		mg/Kg		94	70 - 130
Toluene	0.100	0.09371		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1885		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09536		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-98433/2-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1048		mg/Kg		105	70 - 130	5	35
Ethylbenzene	0.100	0.09886		mg/Kg		99	70 - 130	5	35
Toluene	0.100	0.09817		mg/Kg		98	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1969		mg/Kg		98	70 - 130	4	35
o-Xylene	0.100	0.09974		mg/Kg		100	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	111		70 - 130				12/20/24 08:30	12/20/24 11:25	1
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:30	12/20/24 11:25	1

Lab Sample ID: LCS 880-98434/1-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits		
		Result	Qualifier						
Benzene	0.100	0.1149		mg/Kg		115	70 - 130		
Ethylbenzene	0.100	0.1100		mg/Kg		110	70 - 130		
Toluene	0.100	0.1116		mg/Kg		112	70 - 130		
m-Xylene & p-Xylene	0.200	0.2234		mg/Kg		112	70 - 130		
o-Xylene	0.100	0.1142		mg/Kg		114	70 - 130		
Surrogate	LCS	LCS	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	107		70 - 130						
1,4-Difluorobenzene (Surr)	104		70 - 130						

Lab Sample ID: LCSD 880-98434/2-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.1162		mg/Kg		116	70 - 130	1	35
Ethylbenzene	0.100	0.1102		mg/Kg		110	70 - 130	0	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2247		mg/Kg		112	70 - 130	1	35
o-Xylene	0.100	0.1148		mg/Kg		115	70 - 130	1	35
Surrogate	LCSD	LCSD	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	109		70 - 130						
1,4-Difluorobenzene (Surr)	103		70 - 130						

Lab Sample ID: MB 880-98435/5-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98435

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac		
4-Bromofluorobenzene (Surr)	92		70 - 130	12/20/24 08:33	12/20/24 11:07	1			
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 11:07	1			

Lab Sample ID: LCS 880-98435/1-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	0.100	0.1025		mg/Kg		103	70 - 130		
Ethylbenzene	0.100	0.1037		mg/Kg		104	70 - 130		
Toluene	0.100	0.1077		mg/Kg		108	70 - 130		
m-Xylene & p-Xylene	0.200	0.2015		mg/Kg		101	70 - 130		
o-Xylene	0.100	0.1117		mg/Kg		112	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-98435/2-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1068		mg/Kg		107	70 - 130	4	35
Ethylbenzene	0.100	0.1065		mg/Kg		107	70 - 130	3	35
Toluene	0.100	0.1103		mg/Kg		110	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2041		mg/Kg		102	70 - 130	1	35
o-Xylene	0.100	0.1136		mg/Kg		114	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-98401/1-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98401

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil	Fac
1-Chlorooctane	81		70 - 130	12/19/24 21:26	12/20/24 00:11	1	
o-Terphenyl	80		70 - 130	12/19/24 21:26	12/20/24 00:11	1	

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98401/2-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98401

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1058		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	960.9		mg/Kg		96	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	118		70 - 130				
o-Terphenyl	102		70 - 130				

Lab Sample ID: LCSD 880-98401/3-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98401

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1005		mg/Kg		101	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	903.5		mg/Kg		90	70 - 130	6	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	110		70 - 130						
o-Terphenyl	95		70 - 130						

Lab Sample ID: MB 880-98402/1-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 98402

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1-Chlorooctane	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	
o-Terphenyl	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	

Lab Sample ID: LCS 880-98402/2-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1061		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1028		mg/Kg		103	70 - 130

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98402/2-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98402

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: LCSD 880-98402/3-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1288		mg/Kg		129	70 - 130	19	20
Diesel Range Organics (Over C10-C28)	1000	1231		mg/Kg		123	70 - 130	18	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	145	S1+	70 - 130
o-Terphenyl	123		70 - 130

Lab Sample ID: 890-7492-3 MS

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: SS 64

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	665.3	F1	mg/Kg		67	70 - 130
Diesel Range Organics (Over C10-C28)	631	F1	998	1155	F1	mg/Kg		53	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	78		70 - 130
o-Terphenyl	76		70 - 130

Lab Sample ID: 890-7492-3 MSD

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: SS 64

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	660.4	F1	mg/Kg		66	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	631	F1	998	1141	F1	mg/Kg		51	70 - 130	1	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	77		70 - 130
o-Terphenyl	76		70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-98403/1-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98403

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				12/19/24 21:30	12/20/24 09:12	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 09:12	1

Lab Sample ID: LCS 880-98403/2-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1333	*+	mg/Kg		133	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1178		mg/Kg		118	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	136	S1+	70 - 130				
o-Terphenyl	123		70 - 130				

Lab Sample ID: LCSD 880-98403/3-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1180		mg/Kg		118	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	1000	1166		mg/Kg		117	70 - 130	1	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	133	S1+	70 - 130						
o-Terphenyl	120		70 - 130						

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	997	729.6		mg/Kg		73	70 - 130
Diesel Range Organics (Over C10-C28)	538	F1	997	1207	F1	mg/Kg		67	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	80		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: 890-7492-13 MSD

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	997	855.4		mg/Kg		86	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	538	F1	997	1282		mg/Kg		75	70 - 130	6	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	79		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: MB 880-98404/1-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98404

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	93		70 - 130	12/19/24 21:32	12/20/24 09:12	1			
o-Terphenyl	96		70 - 130	12/19/24 21:32	12/20/24 09:12	1			

Lab Sample ID: LCS 880-98404/2-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1398	*+	mg/Kg		140	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1468	*+	mg/Kg		147	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	158	S1+	70 - 130
o-Terphenyl	172	S1+	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-98404/3-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1465	*+	mg/Kg		147	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	1590	*+	mg/Kg		159	70 - 130	8	20
		LCSD	LCSD						
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane	166	S1+	70 - 130						
o-Terphenyl	175	S1+	70 - 130						

Lab Sample ID: 890-7492-23 MS

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: SS 420

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	781.1		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	867.3		mg/Kg		84	70 - 130		
		MS	MS								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Lab Sample ID: 890-7492-23 MSD

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: SS 420

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	804.1		mg/Kg		80	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	863.1		mg/Kg		84	70 - 130	0	20
		MSD	MSD								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-98374/1-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 08:34	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-98374/2-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.6		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-98374/3-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	245.0		mg/Kg		98	90 - 110	2	20

Lab Sample ID: 890-7492-2 MS

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1300	F1	1250	3073	F1	mg/Kg		142	90 - 110

Lab Sample ID: 890-7492-2 MSD

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1300	F1	1250	3070	F1	mg/Kg		142	90 - 110	0	20

Lab Sample ID: MB 880-98373/1-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 03:00	1

Lab Sample ID: LCS 880-98373/2-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	258.6		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-98373/3-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	257.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-7492-20 MS

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: SS 477

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	126		257	387.5		mg/Kg		102	90 - 110

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-7492-20 MSD							Client Sample ID: SS 477					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 98377												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	126		248	372.8		mg/Kg		100	90 - 110	4	20	

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA

Analysis Batch: 98350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-2	SS 20	Total/NA	Solid	8021B	98432
890-7492-3	SS 64	Total/NA	Solid	8021B	98432
890-7492-4	SS 80	Total/NA	Solid	8021B	98432
890-7492-5	SS 262	Total/NA	Solid	8021B	98432
890-7492-6	SS 320	Total/NA	Solid	8021B	98432
MB 880-98432/5-A	Method Blank	Total/NA	Solid	8021B	98432
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	8021B	98432
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98432

Analysis Batch: 98351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	8021B	98433
890-7492-8	SS 46	Total/NA	Solid	8021B	98433
890-7492-9	SS 107	Total/NA	Solid	8021B	98433
890-7492-10	SS 290	Total/NA	Solid	8021B	98433
890-7492-11	SS 339	Total/NA	Solid	8021B	98433
890-7492-12	SS 495	Total/NA	Solid	8021B	98433
MB 880-98433/5-A	Method Blank	Total/NA	Solid	8021B	98433
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	8021B	98433
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98433

Analysis Batch: 98352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	8021B	98434
890-7492-20	SS 477	Total/NA	Solid	8021B	98434
890-7492-21	SS 176	Total/NA	Solid	8021B	98434
890-7492-22	SS 138	Total/NA	Solid	8021B	98434
890-7492-23	SS 420	Total/NA	Solid	8021B	98434
MB 880-98434/5-A	Method Blank	Total/NA	Solid	8021B	98434
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	8021B	98434
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98434

Analysis Batch: 98353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8021B	98435
890-7492-14	SS 154	Total/NA	Solid	8021B	98435
890-7492-15	SS 504	Total/NA	Solid	8021B	98435
890-7492-16	SS 398	Total/NA	Solid	8021B	98435
890-7492-17	SS 183	Total/NA	Solid	8021B	98435
890-7492-18	SS 200	Total/NA	Solid	8021B	98435
MB 880-98435/5-A	Method Blank	Total/NA	Solid	8021B	98435
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	8021B	98435
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98435

Prep Batch: 98432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	5035	
890-7492-2	SS 20	Total/NA	Solid	5035	
890-7492-3	SS 64	Total/NA	Solid	5035	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Prep Batch: 98432 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-4	SS 80	Total/NA	Solid	5035	
890-7492-5	SS 262	Total/NA	Solid	5035	
890-7492-6	SS 320	Total/NA	Solid	5035	
MB 880-98432/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	5035	
890-7492-8	SS 46	Total/NA	Solid	5035	
890-7492-9	SS 107	Total/NA	Solid	5035	
890-7492-10	SS 290	Total/NA	Solid	5035	
890-7492-11	SS 339	Total/NA	Solid	5035	
890-7492-12	SS 495	Total/NA	Solid	5035	
MB 880-98433/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	5035	
890-7492-20	SS 477	Total/NA	Solid	5035	
890-7492-21	SS 176	Total/NA	Solid	5035	
890-7492-22	SS 138	Total/NA	Solid	5035	
890-7492-23	SS 420	Total/NA	Solid	5035	
MB 880-98434/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	5035	
890-7492-14	SS 154	Total/NA	Solid	5035	
890-7492-15	SS 504	Total/NA	Solid	5035	
890-7492-16	SS 398	Total/NA	Solid	5035	
890-7492-17	SS 183	Total/NA	Solid	5035	
890-7492-18	SS 200	Total/NA	Solid	5035	
MB 880-98435/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 98498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	Total BTEX	
890-7492-2	SS 20	Total/NA	Solid	Total BTEX	
890-7492-3	SS 64	Total/NA	Solid	Total BTEX	
890-7492-4	SS 80	Total/NA	Solid	Total BTEX	
890-7492-5	SS 262	Total/NA	Solid	Total BTEX	
890-7492-6	SS 320	Total/NA	Solid	Total BTEX	
890-7492-7	SS 488	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Analysis Batch: 98498 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-8	SS 46	Total/NA	Solid	Total BTEX	
890-7492-9	SS 107	Total/NA	Solid	Total BTEX	
890-7492-10	SS 290	Total/NA	Solid	Total BTEX	
890-7492-11	SS 339	Total/NA	Solid	Total BTEX	
890-7492-12	SS 495	Total/NA	Solid	Total BTEX	
890-7492-13	SS 129	Total/NA	Solid	Total BTEX	
890-7492-14	SS 154	Total/NA	Solid	Total BTEX	
890-7492-15	SS 504	Total/NA	Solid	Total BTEX	
890-7492-16	SS 398	Total/NA	Solid	Total BTEX	
890-7492-17	SS 183	Total/NA	Solid	Total BTEX	
890-7492-18	SS 200	Total/NA	Solid	Total BTEX	
890-7492-19	SS 435	Total/NA	Solid	Total BTEX	
890-7492-20	SS 477	Total/NA	Solid	Total BTEX	
890-7492-21	SS 176	Total/NA	Solid	Total BTEX	
890-7492-22	SS 138	Total/NA	Solid	Total BTEX	
890-7492-23	SS 420	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 98401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015NM Prep	
890-7492-2	SS 20	Total/NA	Solid	8015NM Prep	
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 98402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-4	SS 80	Total/NA	Solid	8015NM Prep	
890-7492-5	SS 262	Total/NA	Solid	8015NM Prep	
890-7492-6	SS 320	Total/NA	Solid	8015NM Prep	
890-7492-7	SS 488	Total/NA	Solid	8015NM Prep	
890-7492-8	SS 46	Total/NA	Solid	8015NM Prep	
890-7492-9	SS 107	Total/NA	Solid	8015NM Prep	
890-7492-10	SS 290	Total/NA	Solid	8015NM Prep	
890-7492-11	SS 339	Total/NA	Solid	8015NM Prep	
890-7492-12	SS 495	Total/NA	Solid	8015NM Prep	
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-3 MS	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-3 MSD	SS 64	Total/NA	Solid	8015NM Prep	

Prep Batch: 98403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-14	SS 154	Total/NA	Solid	8015NM Prep	
890-7492-15	SS 504	Total/NA	Solid	8015NM Prep	
890-7492-16	SS 398	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Prep Batch: 98403 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-17	SS 183	Total/NA	Solid	8015NM Prep	
890-7492-18	SS 200	Total/NA	Solid	8015NM Prep	
890-7492-19	SS 435	Total/NA	Solid	8015NM Prep	
890-7492-20	SS 477	Total/NA	Solid	8015NM Prep	
890-7492-21	SS 176	Total/NA	Solid	8015NM Prep	
890-7492-22	SS 138	Total/NA	Solid	8015NM Prep	
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-13 MS	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-13 MSD	SS 129	Total/NA	Solid	8015NM Prep	

Prep Batch: 98404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015NM Prep	
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-23 MS	SS 420	Total/NA	Solid	8015NM Prep	
890-7492-23 MSD	SS 420	Total/NA	Solid	8015NM Prep	

Analysis Batch: 98423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015B NM	98401
890-7492-2	SS 20	Total/NA	Solid	8015B NM	98401
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015B NM	98401
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98401
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98401

Analysis Batch: 98425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-4	SS 80	Total/NA	Solid	8015B NM	98402
890-7492-5	SS 262	Total/NA	Solid	8015B NM	98402
890-7492-6	SS 320	Total/NA	Solid	8015B NM	98402
890-7492-7	SS 488	Total/NA	Solid	8015B NM	98402
890-7492-8	SS 46	Total/NA	Solid	8015B NM	98402
890-7492-9	SS 107	Total/NA	Solid	8015B NM	98402
890-7492-10	SS 290	Total/NA	Solid	8015B NM	98402
890-7492-11	SS 339	Total/NA	Solid	8015B NM	98402
890-7492-12	SS 495	Total/NA	Solid	8015B NM	98402
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015B NM	98402
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98402
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98402
890-7492-3 MS	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-3 MSD	SS 64	Total/NA	Solid	8015B NM	98402

Analysis Batch: 98427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-14	SS 154	Total/NA	Solid	8015B NM	98403

Eurofins Carlsbad

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Analysis Batch: 98427 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-15	SS 504	Total/NA	Solid	8015B NM	98403
890-7492-16	SS 398	Total/NA	Solid	8015B NM	98403
890-7492-17	SS 183	Total/NA	Solid	8015B NM	98403
890-7492-18	SS 200	Total/NA	Solid	8015B NM	98403
890-7492-19	SS 435	Total/NA	Solid	8015B NM	98403
890-7492-20	SS 477	Total/NA	Solid	8015B NM	98403
890-7492-21	SS 176	Total/NA	Solid	8015B NM	98403
890-7492-22	SS 138	Total/NA	Solid	8015B NM	98403
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015B NM	98403
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98403
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98403
890-7492-13 MS	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-13 MSD	SS 129	Total/NA	Solid	8015B NM	98403

Analysis Batch: 98430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015B NM	98404
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015B NM	98404
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98404
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98404
890-7492-23 MS	SS 420	Total/NA	Solid	8015B NM	98404
890-7492-23 MSD	SS 420	Total/NA	Solid	8015B NM	98404

Analysis Batch: 98523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015 NM	
890-7492-2	SS 20	Total/NA	Solid	8015 NM	
890-7492-3	SS 64	Total/NA	Solid	8015 NM	
890-7492-4	SS 80	Total/NA	Solid	8015 NM	
890-7492-5	SS 262	Total/NA	Solid	8015 NM	
890-7492-6	SS 320	Total/NA	Solid	8015 NM	
890-7492-7	SS 488	Total/NA	Solid	8015 NM	
890-7492-8	SS 46	Total/NA	Solid	8015 NM	
890-7492-9	SS 107	Total/NA	Solid	8015 NM	
890-7492-10	SS 290	Total/NA	Solid	8015 NM	
890-7492-11	SS 339	Total/NA	Solid	8015 NM	
890-7492-12	SS 495	Total/NA	Solid	8015 NM	
890-7492-13	SS 129	Total/NA	Solid	8015 NM	
890-7492-14	SS 154	Total/NA	Solid	8015 NM	
890-7492-15	SS 504	Total/NA	Solid	8015 NM	
890-7492-16	SS 398	Total/NA	Solid	8015 NM	
890-7492-17	SS 183	Total/NA	Solid	8015 NM	
890-7492-18	SS 200	Total/NA	Solid	8015 NM	
890-7492-19	SS 435	Total/NA	Solid	8015 NM	
890-7492-20	SS 477	Total/NA	Solid	8015 NM	
890-7492-21	SS 176	Total/NA	Solid	8015 NM	
890-7492-22	SS 138	Total/NA	Solid	8015 NM	
890-7492-23	SS 420	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC

Leach Batch: 98373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	DI Leach	
890-7492-13	SS 129	Soluble	Solid	DI Leach	
890-7492-14	SS 154	Soluble	Solid	DI Leach	
890-7492-15	SS 504	Soluble	Solid	DI Leach	
890-7492-16	SS 398	Soluble	Solid	DI Leach	
890-7492-17	SS 183	Soluble	Solid	DI Leach	
890-7492-18	SS 200	Soluble	Solid	DI Leach	
890-7492-19	SS 435	Soluble	Solid	DI Leach	
890-7492-20	SS 477	Soluble	Solid	DI Leach	
890-7492-21	SS 176	Soluble	Solid	DI Leach	
890-7492-22	SS 138	Soluble	Solid	DI Leach	
890-7492-23	SS 420	Soluble	Solid	DI Leach	
MB 880-98373/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-20 MS	SS 477	Soluble	Solid	DI Leach	
890-7492-20 MSD	SS 477	Soluble	Solid	DI Leach	

Leach Batch: 98374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	DI Leach	
890-7492-2	SS 20	Soluble	Solid	DI Leach	
890-7492-3	SS 64	Soluble	Solid	DI Leach	
890-7492-4	SS 80	Soluble	Solid	DI Leach	
890-7492-5	SS 262	Soluble	Solid	DI Leach	
890-7492-6	SS 320	Soluble	Solid	DI Leach	
890-7492-7	SS 488	Soluble	Solid	DI Leach	
890-7492-8	SS 46	Soluble	Solid	DI Leach	
890-7492-9	SS 107	Soluble	Solid	DI Leach	
890-7492-10	SS 290	Soluble	Solid	DI Leach	
890-7492-11	SS 339	Soluble	Solid	DI Leach	
MB 880-98374/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-2 MS	SS 20	Soluble	Solid	DI Leach	
890-7492-2 MSD	SS 20	Soluble	Solid	DI Leach	

Analysis Batch: 98376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	300.0	98374
890-7492-2	SS 20	Soluble	Solid	300.0	98374
890-7492-3	SS 64	Soluble	Solid	300.0	98374
890-7492-4	SS 80	Soluble	Solid	300.0	98374
890-7492-5	SS 262	Soluble	Solid	300.0	98374
890-7492-6	SS 320	Soluble	Solid	300.0	98374
890-7492-7	SS 488	Soluble	Solid	300.0	98374
890-7492-8	SS 46	Soluble	Solid	300.0	98374
890-7492-9	SS 107	Soluble	Solid	300.0	98374
890-7492-10	SS 290	Soluble	Solid	300.0	98374
890-7492-11	SS 339	Soluble	Solid	300.0	98374
MB 880-98374/1-A	Method Blank	Soluble	Solid	300.0	98374

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC (Continued)

Analysis Batch: 98376 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	300.0	98374
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98374
890-7492-2 MS	SS 20	Soluble	Solid	300.0	98374
890-7492-2 MSD	SS 20	Soluble	Solid	300.0	98374

Analysis Batch: 98377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	300.0	98373
890-7492-13	SS 129	Soluble	Solid	300.0	98373
890-7492-14	SS 154	Soluble	Solid	300.0	98373
890-7492-15	SS 504	Soluble	Solid	300.0	98373
890-7492-16	SS 398	Soluble	Solid	300.0	98373
890-7492-17	SS 183	Soluble	Solid	300.0	98373
890-7492-18	SS 200	Soluble	Solid	300.0	98373
890-7492-19	SS 435	Soluble	Solid	300.0	98373
890-7492-20	SS 477	Soluble	Solid	300.0	98373
890-7492-21	SS 176	Soluble	Solid	300.0	98373
890-7492-22	SS 138	Soluble	Solid	300.0	98373
890-7492-23	SS 420	Soluble	Solid	300.0	98373
MB 880-98373/1-A	Method Blank	Soluble	Solid	300.0	98373
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	300.0	98373
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98373
890-7492-20 MS	SS 477	Soluble	Solid	300.0	98373
890-7492-20 MSD	SS 477	Soluble	Solid	300.0	98373

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01
Date Collected: 12/19/24 08:20
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 11:51
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		5	98350	MNR	EET MID	12/20/24 13:55
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:55
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		20	98376	CH	EET MID	12/20/24 10:49

Client Sample ID: SS 20
Date Collected: 12/19/24 08:36
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:15
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:15
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 10:58

Client Sample ID: SS 64
Date Collected: 12/19/24 08:47
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 12:33
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:33
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 09:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 09:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:54

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80
Date Collected: 12/19/24 08:53
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:36
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:36
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:24
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:24
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:30

Client Sample ID: SS 262
Date Collected: 12/19/24 08:59
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		50	98350	MNR	EET MID	12/20/24 13:14
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:14
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:38
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:38
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:48

Client Sample ID: SS 320
Date Collected: 12/19/24 09:04
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		25	98350	MNR	EET MID	12/20/24 13:34
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:34
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:53
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:53
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:59

Client Sample ID: SS 488
Date Collected: 12/19/24 09:12
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		100	98351	MNR	EET MID	12/20/24 12:24
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:24

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488**Lab Sample ID: 890-7492-7****Date Collected: 12/19/24 09:12****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:08
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:08
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:06

Client Sample ID: SS 46**Lab Sample ID: 890-7492-8****Date Collected: 12/19/24 10:15****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 12:45
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:45
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:25
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:25
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:11

Client Sample ID: SS 107**Lab Sample ID: 890-7492-9****Date Collected: 12/19/24 10:22****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:05
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:05
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:17

Client Sample ID: SS 290**Lab Sample ID: 890-7492-10****Date Collected: 12/19/24 10:30****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:25
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:25
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:54
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:54

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:23

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:46
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:46
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:29

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 14:06
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:06
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:36

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 11:49
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 11:49
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:43

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Date Collected: 12/19/24 11:19

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:10
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:10
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:00
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:00
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:50

Client Sample ID: SS 504

Date Collected: 12/19/24 11:40

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		10	98353	MNR	EET MID	12/20/24 13:32
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:32
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:15
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:15
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:12

Client Sample ID: SS 398

Date Collected: 12/19/24 11:27

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:30
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:30
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:31
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:31
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:19

Client Sample ID: SS 183

Date Collected: 12/19/24 11:44

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:51
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:51

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:47
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:47
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:26

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 13:11
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:11
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:03
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:03
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:33

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:07
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:07
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:20
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:20
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:40

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:27
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:27
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:36
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:36

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:48

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		10	98352	MNR	EET MID	12/20/24 13:28
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:28
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:52
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:52
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:09

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:48
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:48
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 14:07
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 14:07
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 10:16

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 13:08
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:08
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98404	EL	EET MID	12/19/24 21:32
Total/NA	Analysis	8015B NM		1	98430	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:38

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7492-1	SS 01	Solid	12/19/24 08:20	12/19/24 15:45	- SURFACE
890-7492-2	SS 20	Solid	12/19/24 08:36	12/19/24 15:45	- SURFACE
890-7492-3	SS 64	Solid	12/19/24 08:47	12/19/24 15:45	- SURFACE
890-7492-4	SS 80	Solid	12/19/24 08:53	12/19/24 15:45	- SURFACE
890-7492-5	SS 262	Solid	12/19/24 08:59	12/19/24 15:45	- SURFACE
890-7492-6	SS 320	Solid	12/19/24 09:04	12/19/24 15:45	- SURFACE
890-7492-7	SS 488	Solid	12/19/24 09:12	12/19/24 15:45	- SURFACE
890-7492-8	SS 46	Solid	12/19/24 10:15	12/19/24 15:45	- SURFACE
890-7492-9	SS 107	Solid	12/19/24 10:22	12/19/24 15:45	- SURFACE
890-7492-10	SS 290	Solid	12/19/24 10:30	12/19/24 15:45	- SURFACE
890-7492-11	SS 339	Solid	12/19/24 10:37	12/19/24 15:45	- SURFACE
890-7492-12	SS 495	Solid	12/19/24 10:44	12/19/24 15:45	- SURFACE
890-7492-13	SS 129	Solid	12/19/24 11:07	12/19/24 15:45	- SURFACE
890-7492-14	SS 154	Solid	12/19/24 11:19	12/19/24 15:45	- SURFACE
890-7492-15	SS 504	Solid	12/19/24 11:40	12/19/24 15:45	- SURFACE
890-7492-16	SS 398	Solid	12/19/24 11:27	12/19/24 15:45	- SURFACE
890-7492-17	SS 183	Solid	12/19/24 11:44	12/19/24 15:45	- SURFACE
890-7492-18	SS 200	Solid	12/19/24 11:49	12/19/24 15:45	- SURFACE
890-7492-19	SS 435	Solid	12/19/24 11:53	12/19/24 15:45	- SURFACE
890-7492-20	SS 477	Solid	12/19/24 12:02	12/19/24 15:45	- SURFACE
890-7492-21	SS 176	Solid	12/19/24 12:07	12/19/24 15:45	- SURFACE
890-7492-22	SS 138	Solid	12/19/24 12:17	12/19/24 15:45	- SURFACE
890-7492-23	SS 420	Solid	12/19/24 12:22	12/19/24 15:45	- SURFACE

Chain of Custody



Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 1 of 3

Work Order Comments

Program: ☐ PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project: ☐ Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Reporting: ☐ Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: ☐ EDD ☐ ADAPT ☐ Other:

Project Manager: Michael Wicker

Company Name: Cotto

Address:

City, State ZIP: 1616-970-8459

Phone:

Email: mwicker@cottoconsult.com

ANALYSIS REQUEST

Project Name: Close Encounter 30114

Project Number: Buckeye, NM

Project Location: Dakotah Cueto

Sampler's Name:

PO #:

SAMPLE RECEIPT

Samples Received Intact: ☒ Yes ☐ No

Cooler Custody Seals: ☒ Yes ☐ No

Sample Custody Seals: ☒ Yes ☐ No

Total Containers: 5.0

Temp Blank: ☒ Yes ☐ No

Wet Ice: ☒ Yes ☐ No

Thermometer ID: -0.2

Correction Factor: 5.8

Temperature Reading: 5.0

Corrected Temperature: 5.0

Preservative Codes

None: ☐ NO ☐ DI Water: ☐ H₂O

Cool: ☐ Cool ☐ MeOH: ☐ Me

HCL: ☐ HC ☐ HNO₃

H₂SO₄: ☐ H₂ ☐ NaOH: ☐ Na

H₃PO₄: ☐ HP ☐ NaHSO₄: ☐ NABIS

Na₂S₂O₃: ☐ NaSO₃

Zn Acetate+NaOH: ☐ Zn

NaOH+Ascorbic Acid: ☐ SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Pres. Code	Parameters
SS01	S	12-19-24	08:20	Surf	C	1		
SS20	S		08:36		C	1		
SS64	S		08:47		C	1		
SS80	S		08:53		C	1		
SS262	S		08:59		C	1		
SS320	S		09:04		C	1		
SS488	S		09:12		C	1		
SS46	S		10:15		C	1		
SS107	S		10:22		C	1		
SS290	S		10:30		C	1		

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>Dakotah Cueto</u>	<u>Brown</u>	<u>12/19 1545</u>			

Revised Date: 06/25/2020 Rev. 2020.2



Chain of Custody

Environment Testing

Work Order No:

Little Rock, AR (501) 224-5060

Page 2 of 3

Project Manager: Michael Wicker	Bill to: (if different)	Work Order Comments
Company Name: CETO	Company Name:	Program: ☐ UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
Address:	Address:	State of Project:
City, State ZIP:	City, State ZIP:	Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Phone: 501-970-8459	Email: mwicker@cetoconsult.com	Deliverables: EDD ☐ ADAPT ☐ Other:

Project Name: Close Encounters Golf	Turn Around	ANALYSIS REQUEST	Preservative Codes
Project Number:	☐ Routine ☒ Rush		None: NO DI Water: H ₂ O
Project Location: Buclerve, NM	Due Date: 12-20-2024		Cool: Cool MeOH: Me
Sampler's Name: Dakotaiah Cweto	TAT starts the day received by the lab, if received by 4:30pm		HCL: HC HNO ₃
PO #:			H ₂ SO ₄ : H ₂ NaOH: Na
SAMPLE RECEIPT	Temp Blank: Yes No		H ₃ PO ₄ : HP
Samples Received Intact: Yes No	Thermometer ID:		NaHSO ₄ : NABIS
Cooler Custody Seals: Yes No N/A	Correction Factor:		Na ₂ S ₂ O ₃ : NaSO ₃
Sample Custody Seals: Yes No N/A	Temperature Reading:		Zn Acetate+NaOH: Zn
Total Containers:	Corrected Temperature:		NaOH+Ascorbic Acid: SAPC

Sample Identification		Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters		Pres. Code
SS339		S	12/19/2024	10:37	Surf	C	1	MM-BGDOC		
SS495		S		10:44		C	1			
SS129		S		11:07		C	1			
SS154		S		11:19		C	1			
SS504		S		11:40		C	1			
SS398		S		11:27		C	1			
SS183		S		11:34		C	1			
SS200		S		11:49		C	1			
SS435		S		11:53		C	1			
SS477		S		12:02		C	1			

Total 200.7 / 6010	200.8 / 6020:	8RCRA 13PPM Texas 11	Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Meta(s) to be analyzed	TCLP / SPLP 6010: 8RCRA	Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U	Hg: 1631 / 245.1 / 7470 / 7471

Notes: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Dakotaiah Cweto		2			
3		4			
5		6			

Revised Date: 08/25/2020 Rev. 2020.2





Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3499
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 3 of 3

[illegible]

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Source: Eurofins Carlsbad

List Number: 1

Creator: Bruns, Shannon

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Source: Eurofins Midland

List Number: 2

List Creation: 12/19/24 09:21 PM

Creator: Laing, Edmundo

Question	Answer	Comment
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time (excluding tests with immediate HTs)		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").		



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Michael Wicker
CDH Consulting
9446 Clermont St,
Thornton, Colorado 80229

Generated 1/15/2025 4:47:45 PM

JOB DESCRIPTION

CLOSE ENCOUNTERS 301 H
BUCKEYE

JOB NUMBER

890-7571-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

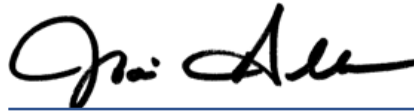
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
1/15/2025 4:47:45 PM

Authorized for release by
Jodi Allen, Project Manager I
Jodi.Allen@et.eurofinsus.com
(281)520-2865

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Laboratory Job ID: 890-7571-1
SDG: BUCKEYE

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Definitions/Glossary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7571-1
SDG: BUCKEYE

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTERS 301 H

Job ID: 890-7571-1

Job ID: 890-7571-1

Eurofins Carlsbad

Job Narrative 890-7571-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 1/14/2025 3:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.2°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS 310 @ 2' (890-7571-1), SS 311 @ 2' (890-7571-2), SS 316 @ 2' (890-7571-3), SS 317 @ 2' (890-7571-4), SS 313 @ 2' (890-7571-5), SS 319 @ 2' (890-7571-6), SS 318 @ 2' (890-7571-7) and SS 329 @ 2' (890-7571-8).

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-100312 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-100288 and analytical batch 880-100312 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10 and Diesel Range Organics (Over C10-C28).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7571-1
SDG: BUCKEYE

Client Sample ID: SS 310 @ 2'

Lab Sample ID: 890-7571-1

Date Collected: 01/14/25 10:15

Matrix: Solid

Date Received: 01/14/25 15:30

Sample Depth: 2'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/15/25 08:27	01/15/25 11:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/15/25 08:27	01/15/25 11:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/15/25 08:27	01/15/25 11:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/15/25 08:27	01/15/25 11:48	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/15/25 08:27	01/15/25 11:48	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/15/25 08:27	01/15/25 11:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	01/15/25 08:27	01/15/25 11:48	1
1,4-Difluorobenzene (Surr)	104		70 - 130	01/15/25 08:27	01/15/25 11:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/15/25 11:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/15/25 12:29	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		01/15/25 08:26	01/15/25 12:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		01/15/25 08:26	01/15/25 12:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/15/25 08:26	01/15/25 12:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130	01/15/25 08:26	01/15/25 12:29	1
o-Terphenyl	71		70 - 130	01/15/25 08:26	01/15/25 12:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	95.0		2.00		mg/Kg			01/15/25 12:42	1

Client Sample ID: SS 311 @ 2'

Lab Sample ID: 890-7571-2

Date Collected: 01/14/25 10:26

Matrix: Solid

Date Received: 01/14/25 15:30

Sample Depth: 2'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		01/15/25 08:27	01/15/25 12:09	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/15/25 08:27	01/15/25 12:09	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/15/25 08:27	01/15/25 12:09	1
Xylenes, Total	0.00488		0.00403		mg/Kg		01/15/25 08:27	01/15/25 12:09	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		01/15/25 08:27	01/15/25 12:09	1
o-Xylene	0.00488		0.00202		mg/Kg		01/15/25 08:27	01/15/25 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	01/15/25 08:27	01/15/25 12:09	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7571-1
SDG: BUCKEYE

Client Sample ID: SS 311 @ 2'

Lab Sample ID: 890-7571-2

Date Collected: 01/14/25 10:26

Matrix: Solid

Date Received: 01/14/25 15:30

Sample Depth: 2'

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	01/15/25 08:27	01/15/25 12:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00488		0.00403		mg/Kg			01/15/25 12:09	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/15/25 12:44	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		01/15/25 08:26	01/15/25 12:44	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		01/15/25 08:26	01/15/25 12:44	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/15/25 08:26	01/15/25 12:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				01/15/25 08:26	01/15/25 12:44	1
o-Terphenyl	78		70 - 130				01/15/25 08:26	01/15/25 12:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	74.0		9.92		mg/Kg			01/15/25 11:48	5

Client Sample ID: SS 316 @ 2'

Lab Sample ID: 890-7571-3

Date Collected: 01/14/25 11:02

Matrix: Solid

Date Received: 01/14/25 15:30

Sample Depth: 2'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/15/25 08:27	01/15/25 12:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/15/25 08:27	01/15/25 12:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/15/25 08:27	01/15/25 12:29	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/15/25 08:27	01/15/25 12:29	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/15/25 08:27	01/15/25 12:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/15/25 08:27	01/15/25 12:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	01/15/25 08:27	01/15/25 12:29	1
1,4-Difluorobenzene (Surr)	103		70 - 130	01/15/25 08:27	01/15/25 12:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/15/25 12:29	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			01/15/25 13:00	1

Eurofins Carlsbad

Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7571-1
SDG: BUCKEYE

Client Sample ID: SS 316 @ 2'

Lab Sample ID: 890-7571-3

Date Collected: 01/14/25 11:02

Matrix: Solid

Date Received: 01/14/25 15:30

Sample Depth: 2'

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U *1	49.7		mg/Kg		01/15/25 08:26	01/15/25 13:00	1
Diesel Range Organics (Over C10-C28)	<49.7	U *1	49.7		mg/Kg		01/15/25 08:26	01/15/25 13:00	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/15/25 08:26	01/15/25 13:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				01/15/25 08:26	01/15/25 13:00	1
o-Terphenyl	79		70 - 130				01/15/25 08:26	01/15/25 13:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	140		2.00		mg/Kg			01/15/25 11:54	1

Client Sample ID: SS 317 @ 2'

Lab Sample ID: 890-7571-4

Date Collected: 01/14/25 11:31

Matrix: Solid

Date Received: 01/14/25 15:30

Sample Depth: 2'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		01/15/25 08:27	01/15/25 12:50	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/15/25 08:27	01/15/25 12:50	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/15/25 08:27	01/15/25 12:50	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/15/25 08:27	01/15/25 12:50	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		01/15/25 08:27	01/15/25 12:50	1
o-Xylene	0.00357		0.00202		mg/Kg		01/15/25 08:27	01/15/25 12:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130				01/15/25 08:27	01/15/25 12:50	1
1,4-Difluorobenzene (Surr)	103		70 - 130				01/15/25 08:27	01/15/25 12:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			01/15/25 12:50	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/15/25 11:25	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/15/25 08:38	01/15/25 11:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/15/25 08:38	01/15/25 11:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/15/25 08:38	01/15/25 11:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				01/15/25 08:38	01/15/25 11:25	1
o-Terphenyl	106		70 - 130				01/15/25 08:38	01/15/25 11:25	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7571-1
SDG: BUCKEYE

Client Sample ID: SS 317 @ 2'

Lab Sample ID: 890-7571-4

Date Collected: 01/14/25 11:31

Matrix: Solid

Date Received: 01/14/25 15:30

Sample Depth: 2'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	159		10.0		mg/Kg			01/15/25 12:00	5

Client Sample ID: SS 313 @ 2'

Lab Sample ID: 890-7571-5

Date Collected: 01/14/25 11:17

Matrix: Solid

Date Received: 01/14/25 15:30

Sample Depth: 2'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/15/25 08:30	01/15/25 11:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/15/25 08:30	01/15/25 11:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/15/25 08:30	01/15/25 11:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/15/25 08:30	01/15/25 11:51	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/15/25 08:30	01/15/25 11:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/15/25 08:30	01/15/25 11:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				01/15/25 08:30	01/15/25 11:51	1
1,4-Difluorobenzene (Surr)	95		70 - 130				01/15/25 08:30	01/15/25 11:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/15/25 11:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	53.0		50.0		mg/Kg			01/15/25 12:12	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/15/25 08:38	01/15/25 12:12	1
Diesel Range Organics (Over C10-C28)	53.0		50.0		mg/Kg		01/15/25 08:38	01/15/25 12:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/15/25 08:38	01/15/25 12:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				01/15/25 08:38	01/15/25 12:12	1
o-Terphenyl	104		70 - 130				01/15/25 08:38	01/15/25 12:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	118		2.00		mg/Kg			01/15/25 12:06	1

Eurofins Carlsbad

Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7571-1
SDG: BUCKEYE

Client Sample ID: SS 319 @ 2'

Lab Sample ID: 890-7571-6

Date Collected: 01/14/25 11:39

Matrix: Solid

Date Received: 01/14/25 15:30

Sample Depth: 2'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		01/15/25 08:30	01/15/25 12:11	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/15/25 08:30	01/15/25 12:11	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/15/25 08:30	01/15/25 12:11	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/15/25 08:30	01/15/25 12:11	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		01/15/25 08:30	01/15/25 12:11	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/15/25 08:30	01/15/25 12:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	01/15/25 08:30	01/15/25 12:11	1
1,4-Difluorobenzene (Surr)	94		70 - 130	01/15/25 08:30	01/15/25 12:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			01/15/25 12:11	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	72.6		49.8		mg/Kg			01/15/25 12:29	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/15/25 08:38	01/15/25 12:29	1
Diesel Range Organics (Over C10-C28)	72.6		49.8		mg/Kg		01/15/25 08:38	01/15/25 12:29	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/15/25 08:38	01/15/25 12:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	01/15/25 08:38	01/15/25 12:29	1
o-Terphenyl	110		70 - 130	01/15/25 08:38	01/15/25 12:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		2.01		mg/Kg			01/15/25 12:12	1

Client Sample ID: SS 318 @ 2'

Lab Sample ID: 890-7571-7

Date Collected: 01/14/25 11:50

Matrix: Solid

Date Received: 01/14/25 15:30

Sample Depth: 2'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/15/25 08:30	01/15/25 12:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/15/25 08:30	01/15/25 12:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/15/25 08:30	01/15/25 12:32	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/15/25 08:30	01/15/25 12:32	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/15/25 08:30	01/15/25 12:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/15/25 08:30	01/15/25 12:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	01/15/25 08:30	01/15/25 12:32	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7571-1
SDG: BUCKEYE

Client Sample ID: SS 318 @ 2'

Lab Sample ID: 890-7571-7

Date Collected: 01/14/25 11:50

Matrix: Solid

Date Received: 01/14/25 15:30

Sample Depth: 2'

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	93		70 - 130	01/15/25 08:30	01/15/25 12:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/15/25 12:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/15/25 12:44	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/15/25 08:38	01/15/25 12:44	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/15/25 08:38	01/15/25 12:44	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/15/25 08:38	01/15/25 12:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				01/15/25 08:38	01/15/25 12:44	1
o-Terphenyl	114		70 - 130				01/15/25 08:38	01/15/25 12:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	95.8		2.00		mg/Kg			01/15/25 12:18	1

Client Sample ID: SS 329 @ 2'

Lab Sample ID: 890-7571-8

Date Collected: 01/14/25 11:57

Matrix: Solid

Date Received: 01/14/25 15:30

Sample Depth: 2'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		01/15/25 08:30	01/15/25 12:52	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/15/25 08:30	01/15/25 12:52	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/15/25 08:30	01/15/25 12:52	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/15/25 08:30	01/15/25 12:52	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		01/15/25 08:30	01/15/25 12:52	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/15/25 08:30	01/15/25 12:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	01/15/25 08:30	01/15/25 12:52	1
1,4-Difluorobenzene (Surr)	97		70 - 130	01/15/25 08:30	01/15/25 12:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			01/15/25 12:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/15/25 13:00	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7571-1
SDG: BUCKEYE

Client Sample ID: SS 329 @ 2'

Lab Sample ID: 890-7571-8

Date Collected: 01/14/25 11:57

Matrix: Solid

Date Received: 01/14/25 15:30

Sample Depth: 2'

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/15/25 08:38	01/15/25 13:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/15/25 08:38	01/15/25 13:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/15/25 08:38	01/15/25 13:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				01/15/25 08:38	01/15/25 13:00	1
o-Terphenyl	111		70 - 130				01/15/25 08:38	01/15/25 13:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		1.98		mg/Kg			01/15/25 12:36	1

Surrogate Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7571-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
890-7571-1	SS 310 @ 2'	125	104
890-7571-1 MS	SS 310 @ 2'	116	101
890-7571-1 MSD	SS 310 @ 2'	120	102
890-7571-2	SS 311 @ 2'	120	104
890-7571-3	SS 316 @ 2'	123	103
890-7571-4	SS 317 @ 2'	123	103
890-7571-5	SS 313 @ 2'	108	95
890-7571-5 MS	SS 313 @ 2'	104	101
890-7571-5 MSD	SS 313 @ 2'	117	98
890-7571-6	SS 319 @ 2'	106	94
890-7571-7	SS 318 @ 2'	115	93
890-7571-8	SS 329 @ 2'	95	97
LCS 880-100289/1-A	Lab Control Sample	114	102
LCS 880-100290/1-A	Lab Control Sample	108	96
LCSD 880-100289/2-A	Lab Control Sample Dup	119	102
LCSD 880-100290/2-A	Lab Control Sample Dup	120	97
MB 880-100289/5-A	Method Blank	117	98
MB 880-100290/5-A	Method Blank	95	91
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1	OTPH1
		(70-130)	(70-130)
890-7571-1	SS 310 @ 2'	76	71
890-7571-2	SS 311 @ 2'	84	78
890-7571-3	SS 316 @ 2'	83	79
890-7571-4	SS 317 @ 2'	104	106
890-7571-4 MS	SS 317 @ 2'	109	120
890-7571-4 MSD	SS 317 @ 2'	97	104
890-7571-5	SS 313 @ 2'	103	104
890-7571-6	SS 319 @ 2'	107	110
890-7571-7	SS 318 @ 2'	111	114
890-7571-8	SS 329 @ 2'	109	111
LCS 880-100288/2-A	Lab Control Sample	127	130
LCS 880-100293/2-A	Lab Control Sample	108	114
LCSD 880-100288/3-A	Lab Control Sample Dup	81	82
LCSD 880-100293/3-A	Lab Control Sample Dup	112	118
MB 880-100288/1-A	Method Blank	86	80
MB 880-100293/1-A	Method Blank	110	112
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7571-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-100289/5-A

Matrix: Solid

Analysis Batch: 100283

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 100289

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/15/25 08:27	01/15/25 11:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/15/25 08:27	01/15/25 11:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/15/25 08:27	01/15/25 11:27	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/15/25 08:27	01/15/25 11:27	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/15/25 08:27	01/15/25 11:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/15/25 08:27	01/15/25 11:27	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	01/15/25 08:27	01/15/25 11:27	1
1,4-Difluorobenzene (Surr)	98		70 - 130	01/15/25 08:27	01/15/25 11:27	1

Lab Sample ID: LCS 880-100289/1-A

Matrix: Solid

Analysis Batch: 100283

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 100289

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1069		mg/Kg		107	70 - 130
Ethylbenzene	0.100	0.1070		mg/Kg		107	70 - 130
Toluene	0.100	0.1062		mg/Kg		106	70 - 130
m-Xylene & p-Xylene	0.200	0.2179		mg/Kg		109	70 - 130
o-Xylene	0.100	0.1122		mg/Kg		112	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-100289/2-A

Matrix: Solid

Analysis Batch: 100283

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 100289

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1075		mg/Kg		108	70 - 130	1	35
Ethylbenzene	0.100	0.1078		mg/Kg		108	70 - 130	1	35
Toluene	0.100	0.1070		mg/Kg		107	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2190		mg/Kg		110	70 - 130	1	35
o-Xylene	0.100	0.1131		mg/Kg		113	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 890-7571-1 MS

Matrix: Solid

Analysis Batch: 100283

Client Sample ID: SS 310 @ 2'

Prep Type: Total/NA

Prep Batch: 100289

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.0992	0.1025		mg/Kg		103	70 - 130
Ethylbenzene	<0.00199	U	0.0992	0.1001		mg/Kg		99	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7571-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-7571-1 MS

Matrix: Solid

Analysis Batch: 100283

Client Sample ID: SS 310 @ 2'

Prep Type: Total/NA

Prep Batch: 100289

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	<0.00199	U	0.0992	0.1015		mg/Kg		102	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.198	0.2026		mg/Kg		101	70 - 130
o-Xylene	<0.00199	U	0.0992	0.1049		mg/Kg		106	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 890-7571-1 MSD

Matrix: Solid

Analysis Batch: 100283

Client Sample ID: SS 310 @ 2'

Prep Type: Total/NA

Prep Batch: 100289

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00199	U	0.100	0.1013		mg/Kg		101	70 - 130	1	35
Ethylbenzene	<0.00199	U	0.100	0.09710		mg/Kg		95	70 - 130	3	35
Toluene	<0.00199	U	0.100	0.09930		mg/Kg		99	70 - 130	2	35
m-Xylene & p-Xylene	<0.00398	U	0.201	0.1964		mg/Kg		96	70 - 130	3	35
o-Xylene	<0.00199	U	0.100	0.1051		mg/Kg		105	70 - 130	0	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: MB 880-100290/5-A

Matrix: Solid

Analysis Batch: 100282

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 100290

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/15/25 08:30	01/15/25 11:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/15/25 08:30	01/15/25 11:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/15/25 08:30	01/15/25 11:29	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/15/25 08:30	01/15/25 11:29	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/15/25 08:30	01/15/25 11:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/15/25 08:30	01/15/25 11:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	01/15/25 08:30	01/15/25 11:29	1
1,4-Difluorobenzene (Surr)	91		70 - 130	01/15/25 08:30	01/15/25 11:29	1

Lab Sample ID: LCS 880-100290/1-A

Matrix: Solid

Analysis Batch: 100282

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 100290

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1023		mg/Kg		102	70 - 130
Ethylbenzene	0.100	0.1116		mg/Kg		112	70 - 130
Toluene	0.100	0.1115		mg/Kg		111	70 - 130
m-Xylene & p-Xylene	0.200	0.2176		mg/Kg		109	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7571-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-100290/1-A

Matrix: Solid

Analysis Batch: 100282

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 100290

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1196		mg/Kg		120	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-100290/2-A

Matrix: Solid

Analysis Batch: 100282

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 100290

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09684		mg/Kg		97	70 - 130	6	35
Ethylbenzene	0.100	0.1106		mg/Kg		111	70 - 130	1	35
Toluene	0.100	0.1100		mg/Kg		110	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2147		mg/Kg		107	70 - 130	1	35
o-Xylene	0.100	0.1177		mg/Kg		118	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 890-7571-5 MS

Matrix: Solid

Analysis Batch: 100282

Client Sample ID: SS 313 @ 2'

Prep Type: Total/NA

Prep Batch: 100290

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.0992	0.09774		mg/Kg		99	70 - 130
Ethylbenzene	<0.00199	U	0.0992	0.1041		mg/Kg		105	70 - 130
Toluene	<0.00199	U	0.0992	0.1069		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.198	0.1989		mg/Kg		100	70 - 130
o-Xylene	<0.00199	U	0.0992	0.1085		mg/Kg		109	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 890-7571-5 MSD

Matrix: Solid

Analysis Batch: 100282

Client Sample ID: SS 313 @ 2'

Prep Type: Total/NA

Prep Batch: 100290

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00199	U	0.100	0.1029		mg/Kg		103	70 - 130	5	35
Ethylbenzene	<0.00199	U	0.100	0.1038		mg/Kg		103	70 - 130	0	35
Toluene	<0.00199	U	0.100	0.1090		mg/Kg		109	70 - 130	2	35
m-Xylene & p-Xylene	<0.00398	U	0.201	0.2009		mg/Kg		100	70 - 130	1	35
o-Xylene	<0.00199	U	0.100	0.1098		mg/Kg		109	70 - 130	1	35

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7571-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-7571-5 MSD

Matrix: Solid

Analysis Batch: 100282

Client Sample ID: SS 313 @ 2'

Prep Type: Total/NA

Prep Batch: 100290

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	117		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-100288/1-A

Matrix: Solid

Analysis Batch: 100312

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 100288

Analyte	MB	MB								
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/14/25 18:00	01/15/25 00:32	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/14/25 18:00	01/15/25 00:32	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/14/25 18:00	01/15/25 00:32	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane	86		70 - 130				01/14/25 18:00	01/15/25 00:32	1	
o-Terphenyl	80		70 - 130				01/14/25 18:00	01/15/25 00:32	1	

Lab Sample ID: LCS 880-100288/2-A

Matrix: Solid

Analysis Batch: 100312

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 100288

Analyte	Spike	LCS	LCS							
	Added	Result	Qualifier	Unit	D	%Rec	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	1196		mg/Kg		120		70 - 130		
Diesel Range Organics (Over C10-C28)	1000	1248		mg/Kg		125		70 - 130		
Surrogate	LCS	LCS								
	%Recovery	Qualifier	Limits							
1-Chlorooctane	127		70 - 130							
o-Terphenyl	130		70 - 130							

Lab Sample ID: LCSD 880-100288/3-A

Matrix: Solid

Analysis Batch: 100312

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 100288

Analyte	Spike	LCSD	LCSD							
	Added	Result	Qualifier	Unit	D	%Rec	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	845.3	*1	mg/Kg		85		70 - 130	34	20
Diesel Range Organics (Over C10-C28)	1000	770.9	*1	mg/Kg		77		70 - 130	47	20
Surrogate	LCSD	LCSD								
	%Recovery	Qualifier	Limits							
1-Chlorooctane	81		70 - 130							
o-Terphenyl	82		70 - 130							

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7571-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-100293/1-A

Matrix: Solid

Analysis Batch: 100314

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 100293

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/14/25 18:00	01/15/25 00:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/14/25 18:00	01/15/25 00:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/14/25 18:00	01/15/25 00:32	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	01/14/25 18:00	01/15/25 00:32	1
o-Terphenyl	112		70 - 130	01/14/25 18:00	01/15/25 00:32	1

Lab Sample ID: LCS 880-100293/2-A

Matrix: Solid

Analysis Batch: 100314

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 100293

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1019		mg/Kg		102	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1080		mg/Kg		108	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	108		70 - 130
o-Terphenyl	114		70 - 130

Lab Sample ID: LCSD 880-100293/3-A

Matrix: Solid

Analysis Batch: 100314

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 100293

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1044		mg/Kg		104	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	1123		mg/Kg		112	70 - 130	4	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	112		70 - 130
o-Terphenyl	118		70 - 130

Lab Sample ID: 890-7571-4 MS

Matrix: Solid

Analysis Batch: 100314

Client Sample ID: SS 317 @ 2'

Prep Type: Total/NA

Prep Batch: 100293

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	963.9		mg/Kg		97	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	996	1120		mg/Kg		110	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7571-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-7571-4 MS

Matrix: Solid

Analysis Batch: 100314

Client Sample ID: SS 317 @ 2'

Prep Type: Total/NA

Prep Batch: 100293

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	109		70 - 130
o-Terphenyl	120		70 - 130

Lab Sample ID: 890-7571-4 MSD

Matrix: Solid

Analysis Batch: 100314

Client Sample ID: SS 317 @ 2'

Prep Type: Total/NA

Prep Batch: 100293

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	823.3		mg/Kg		83	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	<50.0	U	996	980.0		mg/Kg		96	70 - 130	13	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	97		70 - 130
o-Terphenyl	104		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-100296/1-A

Matrix: Solid

Analysis Batch: 100297

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<2.00	U	2.00		mg/Kg			01/15/25 10:38	1

Lab Sample ID: LCS 880-100296/2-A

Matrix: Solid

Analysis Batch: 100297

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.0	49.51		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-100296/3-A

Matrix: Solid

Analysis Batch: 100297

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	50.0	49.82		mg/Kg		100	90 - 110	1	20

Lab Sample ID: 890-7571-7 MS

Matrix: Solid

Analysis Batch: 100297

Client Sample ID: SS 318 @ 2'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	95.8		49.6	145.4		mg/Kg		100	90 - 110

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7571-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-7571-7 MSD						Client Sample ID: SS 318 @ 2'					
Matrix: Solid						Prep Type: Soluble					
Analysis Batch: 100297											
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	95.8		49.6	145.6		mg/Kg		100	90 - 110	0	20

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7571-1
SDG: BUCKEYE

GC VOA

Analysis Batch: 100282

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7571-5	SS 313 @ 2'	Total/NA	Solid	8021B	100290
890-7571-6	SS 319 @ 2'	Total/NA	Solid	8021B	100290
890-7571-7	SS 318 @ 2'	Total/NA	Solid	8021B	100290
890-7571-8	SS 329 @ 2'	Total/NA	Solid	8021B	100290
MB 880-100290/5-A	Method Blank	Total/NA	Solid	8021B	100290
LCS 880-100290/1-A	Lab Control Sample	Total/NA	Solid	8021B	100290
LCSD 880-100290/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	100290
890-7571-5 MS	SS 313 @ 2'	Total/NA	Solid	8021B	100290
890-7571-5 MSD	SS 313 @ 2'	Total/NA	Solid	8021B	100290

Analysis Batch: 100283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7571-1	SS 310 @ 2'	Total/NA	Solid	8021B	100289
890-7571-2	SS 311 @ 2'	Total/NA	Solid	8021B	100289
890-7571-3	SS 316 @ 2'	Total/NA	Solid	8021B	100289
890-7571-4	SS 317 @ 2'	Total/NA	Solid	8021B	100289
MB 880-100289/5-A	Method Blank	Total/NA	Solid	8021B	100289
LCS 880-100289/1-A	Lab Control Sample	Total/NA	Solid	8021B	100289
LCSD 880-100289/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	100289
890-7571-1 MS	SS 310 @ 2'	Total/NA	Solid	8021B	100289
890-7571-1 MSD	SS 310 @ 2'	Total/NA	Solid	8021B	100289

Prep Batch: 100289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7571-1	SS 310 @ 2'	Total/NA	Solid	5035	
890-7571-2	SS 311 @ 2'	Total/NA	Solid	5035	
890-7571-3	SS 316 @ 2'	Total/NA	Solid	5035	
890-7571-4	SS 317 @ 2'	Total/NA	Solid	5035	
MB 880-100289/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-100289/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-100289/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7571-1 MS	SS 310 @ 2'	Total/NA	Solid	5035	
890-7571-1 MSD	SS 310 @ 2'	Total/NA	Solid	5035	

Prep Batch: 100290

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7571-5	SS 313 @ 2'	Total/NA	Solid	5035	
890-7571-6	SS 319 @ 2'	Total/NA	Solid	5035	
890-7571-7	SS 318 @ 2'	Total/NA	Solid	5035	
890-7571-8	SS 329 @ 2'	Total/NA	Solid	5035	
MB 880-100290/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-100290/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-100290/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7571-5 MS	SS 313 @ 2'	Total/NA	Solid	5035	
890-7571-5 MSD	SS 313 @ 2'	Total/NA	Solid	5035	

Analysis Batch: 100350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7571-1	SS 310 @ 2'	Total/NA	Solid	Total BTEX	
890-7571-2	SS 311 @ 2'	Total/NA	Solid	Total BTEX	
890-7571-3	SS 316 @ 2'	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7571-1
SDG: BUCKEYE

GC VOA (Continued)

Analysis Batch: 100350 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7571-4	SS 317 @ 2'	Total/NA	Solid	Total BTEX	
890-7571-5	SS 313 @ 2'	Total/NA	Solid	Total BTEX	
890-7571-6	SS 319 @ 2'	Total/NA	Solid	Total BTEX	
890-7571-7	SS 318 @ 2'	Total/NA	Solid	Total BTEX	
890-7571-8	SS 329 @ 2'	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 100288

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7571-1	SS 310 @ 2'	Total/NA	Solid	8015NM Prep	
890-7571-2	SS 311 @ 2'	Total/NA	Solid	8015NM Prep	
890-7571-3	SS 316 @ 2'	Total/NA	Solid	8015NM Prep	
MB 880-100288/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-100288/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-100288/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 100293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7571-4	SS 317 @ 2'	Total/NA	Solid	8015NM Prep	
890-7571-5	SS 313 @ 2'	Total/NA	Solid	8015NM Prep	
890-7571-6	SS 319 @ 2'	Total/NA	Solid	8015NM Prep	
890-7571-7	SS 318 @ 2'	Total/NA	Solid	8015NM Prep	
890-7571-8	SS 329 @ 2'	Total/NA	Solid	8015NM Prep	
MB 880-100293/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-100293/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-100293/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7571-4 MS	SS 317 @ 2'	Total/NA	Solid	8015NM Prep	
890-7571-4 MSD	SS 317 @ 2'	Total/NA	Solid	8015NM Prep	

Analysis Batch: 100312

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7571-1	SS 310 @ 2'	Total/NA	Solid	8015B NM	100288
890-7571-2	SS 311 @ 2'	Total/NA	Solid	8015B NM	100288
890-7571-3	SS 316 @ 2'	Total/NA	Solid	8015B NM	100288
MB 880-100288/1-A	Method Blank	Total/NA	Solid	8015B NM	100288
LCS 880-100288/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	100288
LCSD 880-100288/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	100288

Analysis Batch: 100314

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7571-4	SS 317 @ 2'	Total/NA	Solid	8015B NM	100293
890-7571-5	SS 313 @ 2'	Total/NA	Solid	8015B NM	100293
890-7571-6	SS 319 @ 2'	Total/NA	Solid	8015B NM	100293
890-7571-7	SS 318 @ 2'	Total/NA	Solid	8015B NM	100293
890-7571-8	SS 329 @ 2'	Total/NA	Solid	8015B NM	100293
MB 880-100293/1-A	Method Blank	Total/NA	Solid	8015B NM	100293
LCS 880-100293/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	100293
LCSD 880-100293/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	100293
890-7571-4 MS	SS 317 @ 2'	Total/NA	Solid	8015B NM	100293
890-7571-4 MSD	SS 317 @ 2'	Total/NA	Solid	8015B NM	100293

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7571-1
SDG: BUCKEYE

GC Semi VOA

Analysis Batch: 100355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7571-1	SS 310 @ 2'	Total/NA	Solid	8015 NM	
890-7571-2	SS 311 @ 2'	Total/NA	Solid	8015 NM	
890-7571-3	SS 316 @ 2'	Total/NA	Solid	8015 NM	
890-7571-4	SS 317 @ 2'	Total/NA	Solid	8015 NM	
890-7571-5	SS 313 @ 2'	Total/NA	Solid	8015 NM	
890-7571-6	SS 319 @ 2'	Total/NA	Solid	8015 NM	
890-7571-7	SS 318 @ 2'	Total/NA	Solid	8015 NM	
890-7571-8	SS 329 @ 2'	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 100296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7571-1	SS 310 @ 2'	Soluble	Solid	DI Leach	
890-7571-2	SS 311 @ 2'	Soluble	Solid	DI Leach	
890-7571-3	SS 316 @ 2'	Soluble	Solid	DI Leach	
890-7571-4	SS 317 @ 2'	Soluble	Solid	DI Leach	
890-7571-5	SS 313 @ 2'	Soluble	Solid	DI Leach	
890-7571-6	SS 319 @ 2'	Soluble	Solid	DI Leach	
890-7571-7	SS 318 @ 2'	Soluble	Solid	DI Leach	
890-7571-8	SS 329 @ 2'	Soluble	Solid	DI Leach	
MB 880-100296/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-100296/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-100296/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7571-7 MS	SS 318 @ 2'	Soluble	Solid	DI Leach	
890-7571-7 MSD	SS 318 @ 2'	Soluble	Solid	DI Leach	

Analysis Batch: 100297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7571-1	SS 310 @ 2'	Soluble	Solid	300.0	100296
890-7571-2	SS 311 @ 2'	Soluble	Solid	300.0	100296
890-7571-3	SS 316 @ 2'	Soluble	Solid	300.0	100296
890-7571-4	SS 317 @ 2'	Soluble	Solid	300.0	100296
890-7571-5	SS 313 @ 2'	Soluble	Solid	300.0	100296
890-7571-6	SS 319 @ 2'	Soluble	Solid	300.0	100296
890-7571-7	SS 318 @ 2'	Soluble	Solid	300.0	100296
890-7571-8	SS 329 @ 2'	Soluble	Solid	300.0	100296
MB 880-100296/1-A	Method Blank	Soluble	Solid	300.0	100296
LCS 880-100296/2-A	Lab Control Sample	Soluble	Solid	300.0	100296
LCSD 880-100296/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	100296
890-7571-7 MS	SS 318 @ 2'	Soluble	Solid	300.0	100296
890-7571-7 MSD	SS 318 @ 2'	Soluble	Solid	300.0	100296

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7571-1
SDG: BUCKEYE

Client Sample ID: SS 310 @ 2'

Lab Sample ID: 890-7571-1

Date Collected: 01/14/25 10:15

Matrix: Solid

Date Received: 01/14/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			100289	MNR	EET MID	01/15/25 08:27
Total/NA	Analysis	8021B		1	100283	MNR	EET MID	01/15/25 11:48
Total/NA	Analysis	Total BTEX		1	100350	SM	EET MID	01/15/25 11:48
Total/NA	Analysis	8015 NM		1	100355	SM	EET MID	01/15/25 12:29
Total/NA	Prep	8015NM Prep			100288	EL	EET MID	01/15/25 08:26
Total/NA	Analysis	8015B NM		1	100312	TKC	EET MID	01/15/25 12:29
Soluble	Leach	DI Leach			100296	SI	EET MID	01/15/25 09:07
Soluble	Analysis	300.0		1	100297	CH	EET MID	01/15/25 12:42

Client Sample ID: SS 311 @ 2'

Lab Sample ID: 890-7571-2

Date Collected: 01/14/25 10:26

Matrix: Solid

Date Received: 01/14/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			100289	MNR	EET MID	01/15/25 08:27
Total/NA	Analysis	8021B		1	100283	MNR	EET MID	01/15/25 12:09
Total/NA	Analysis	Total BTEX		1	100350	SM	EET MID	01/15/25 12:09
Total/NA	Analysis	8015 NM		1	100355	SM	EET MID	01/15/25 12:44
Total/NA	Prep	8015NM Prep			100288	EL	EET MID	01/15/25 08:26
Total/NA	Analysis	8015B NM		1	100312	TKC	EET MID	01/15/25 12:44
Soluble	Leach	DI Leach			100296	SI	EET MID	01/15/25 09:07
Soluble	Analysis	300.0		5	100297	CH	EET MID	01/15/25 11:48

Client Sample ID: SS 316 @ 2'

Lab Sample ID: 890-7571-3

Date Collected: 01/14/25 11:02

Matrix: Solid

Date Received: 01/14/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			100289	MNR	EET MID	01/15/25 08:27
Total/NA	Analysis	8021B		1	100283	MNR	EET MID	01/15/25 12:29
Total/NA	Analysis	Total BTEX		1	100350	SM	EET MID	01/15/25 12:29
Total/NA	Analysis	8015 NM		1	100355	SM	EET MID	01/15/25 13:00
Total/NA	Prep	8015NM Prep			100288	EL	EET MID	01/15/25 08:26
Total/NA	Analysis	8015B NM		1	100312	TKC	EET MID	01/15/25 13:00
Soluble	Leach	DI Leach			100296	SI	EET MID	01/15/25 09:07
Soluble	Analysis	300.0		1	100297	CH	EET MID	01/15/25 11:54

Client Sample ID: SS 317 @ 2'

Lab Sample ID: 890-7571-4

Date Collected: 01/14/25 11:31

Matrix: Solid

Date Received: 01/14/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			100289	MNR	EET MID	01/15/25 08:27
Total/NA	Analysis	8021B		1	100283	MNR	EET MID	01/15/25 12:50
Total/NA	Analysis	Total BTEX		1	100350	SM	EET MID	01/15/25 12:50

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7571-1
SDG: BUCKEYE

Client Sample ID: SS 317 @ 2'

Date Collected: 01/14/25 11:31

Date Received: 01/14/25 15:30

Lab Sample ID: 890-7571-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	100355	SM	EET MID	01/15/25 11:25
Total/NA	Prep	8015NM Prep			100293	EL	EET MID	01/15/25 08:38
Total/NA	Analysis	8015B NM		1	100314	TKC	EET MID	01/15/25 11:25
Soluble	Leach	DI Leach			100296	SI	EET MID	01/15/25 09:07
Soluble	Analysis	300.0		5	100297	CH	EET MID	01/15/25 12:00

Client Sample ID: SS 313 @ 2'

Date Collected: 01/14/25 11:17

Date Received: 01/14/25 15:30

Lab Sample ID: 890-7571-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			100290	MNR	EET MID	01/15/25 08:30
Total/NA	Analysis	8021B		1	100282	MNR	EET MID	01/15/25 11:51
Total/NA	Analysis	Total BTEX		1	100350	SM	EET MID	01/15/25 11:51
Total/NA	Analysis	8015 NM		1	100355	SM	EET MID	01/15/25 12:12
Total/NA	Prep	8015NM Prep			100293	EL	EET MID	01/15/25 08:38
Total/NA	Analysis	8015B NM		1	100314	TKC	EET MID	01/15/25 12:12
Soluble	Leach	DI Leach			100296	SI	EET MID	01/15/25 09:07
Soluble	Analysis	300.0		1	100297	CH	EET MID	01/15/25 12:06

Client Sample ID: SS 319 @ 2'

Date Collected: 01/14/25 11:39

Date Received: 01/14/25 15:30

Lab Sample ID: 890-7571-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			100290	MNR	EET MID	01/15/25 08:30
Total/NA	Analysis	8021B		1	100282	MNR	EET MID	01/15/25 12:11
Total/NA	Analysis	Total BTEX		1	100350	SM	EET MID	01/15/25 12:11
Total/NA	Analysis	8015 NM		1	100355	SM	EET MID	01/15/25 12:29
Total/NA	Prep	8015NM Prep			100293	EL	EET MID	01/15/25 08:38
Total/NA	Analysis	8015B NM		1	100314	TKC	EET MID	01/15/25 12:29
Soluble	Leach	DI Leach			100296	SI	EET MID	01/15/25 09:07
Soluble	Analysis	300.0		1	100297	CH	EET MID	01/15/25 12:12

Client Sample ID: SS 318 @ 2'

Date Collected: 01/14/25 11:50

Date Received: 01/14/25 15:30

Lab Sample ID: 890-7571-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			100290	MNR	EET MID	01/15/25 08:30
Total/NA	Analysis	8021B		1	100282	MNR	EET MID	01/15/25 12:32
Total/NA	Analysis	Total BTEX		1	100350	SM	EET MID	01/15/25 12:32
Total/NA	Analysis	8015 NM		1	100355	SM	EET MID	01/15/25 12:44
Total/NA	Prep	8015NM Prep			100293	EL	EET MID	01/15/25 08:38
Total/NA	Analysis	8015B NM		1	100314	TKC	EET MID	01/15/25 12:44

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7571-1
SDG: BUCKEYE

Client Sample ID: SS 318 @ 2'
Date Collected: 01/14/25 11:50
Date Received: 01/14/25 15:30

Lab Sample ID: 890-7571-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			100296	SI	EET MID	01/15/25 09:07
Soluble	Analysis	300.0		1	100297	CH	EET MID	01/15/25 12:18

Client Sample ID: SS 329 @ 2'
Date Collected: 01/14/25 11:57
Date Received: 01/14/25 15:30

Lab Sample ID: 890-7571-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			100290	MNR	EET MID	01/15/25 08:30
Total/NA	Analysis	8021B		1	100282	MNR	EET MID	01/15/25 12:52
Total/NA	Analysis	Total BTEX		1	100350	SM	EET MID	01/15/25 12:52
Total/NA	Analysis	8015 NM		1	100355	SM	EET MID	01/15/25 13:00
Total/NA	Prep	8015NM Prep			100293	EL	EET MID	01/15/25 08:38
Total/NA	Analysis	8015B NM		1	100314	TKC	EET MID	01/15/25 13:00
Soluble	Leach	DI Leach			100296	SI	EET MID	01/15/25 09:07
Soluble	Analysis	300.0		1	100297	CH	EET MID	01/15/25 12:36

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7571-1
SDG: BUCKEYE

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7571-1
SDG: BUCKEYE

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7571-1
SDG: BUCKEYE

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7571-1	SS 310 @ 2'	Solid	01/14/25 10:15	01/14/25 15:30	2'
890-7571-2	SS 311 @ 2'	Solid	01/14/25 10:26	01/14/25 15:30	2'
890-7571-3	SS 316 @ 2'	Solid	01/14/25 11:02	01/14/25 15:30	2'
890-7571-4	SS 317 @ 2'	Solid	01/14/25 11:31	01/14/25 15:30	2'
890-7571-5	SS 313 @ 2'	Solid	01/14/25 11:17	01/14/25 15:30	2'
890-7571-6	SS 319 @ 2'	Solid	01/14/25 11:39	01/14/25 15:30	2'
890-7571-7	SS 318 @ 2'	Solid	01/14/25 11:50	01/14/25 15:30	2'
890-7571-8	SS 329 @ 2'	Solid	01/14/25 11:57	01/14/25 15:30	2'

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Environment Testing

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Work Order No: _____

Page _____ of _____

Project Manager:	Michael Wicker	Bill to: (if different)	CDH Consulting
Company Name:	Lario Oil & Gas	Company Name:	
Address:		Address:	
City, State ZIP:		City, State ZIP:	
Phone:	616-970-8459	Email:	MWicker@cdhconsult.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:	Project Number:	Turn Around	Pres. Code	ANALYSIS REQUEST	Preservative Codes
Project Location:	Due Date:	☐ Routine ☒ Rush			None: NO DI Water: H ₂ O
Sampler's Name:	TAI starts the day received by the lab. If received by 4:30pm				Cool: Cool MeOH: Me
PO #:					HCL: HC HNO ₃
SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No	H ₂ SO ₄ : H ₂ NaOH: Na
Samples Received Intact:	Yes No	Thermometer ID:			H ₃ PO ₄ : HP
Cooler Custody Seals:	Yes No N/A	Correction Factor:			NaHSO ₄ : NABIS
Sample Custody Seals:	Yes No N/A	Temperature Reading:			Na ₂ S ₂ O ₃ : NaSO ₃
Total Containers:	Corrected Temperature:				Zn Acetate+NaOH: Zn
					NaOH+Ascorbic Acid: SAPC



890-7571 Chain of Custody

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Sample Comments
-----------------------	--------	--------------	--------------	-------	-----------	-----------	-----------------

SS310E2	S	14/06/15	10:15	2	C	1	
SS311E2	S	14/06/15	10:20	2	C	1	
SS316E2	S	14/06/15	11:02	2	C	1	
SS317E2	S	14/06/15	11:31	2	C	1	
SS319E2	S	14/06/15	11:17	2	C	1	
SS319E2	S	14/06/15	11:39	2	C	1	
SS319E2	S	14/06/15	11:50	2	C	1	
SS324E2	S	14/06/15	11:57	2	C	1	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$55.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7571-1

SDG Number: BUCKEYE

Login Number: 7571

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Michael Wicker
CDH Consulting
9446 Clermont St,
Thornton, Colorado 80229
Generated 12/20/2024 3:02:55 PM

JOB DESCRIPTION

CLOSE ENCOUNTER 301 H
BUCKEYE

JOB NUMBER

890-7492-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

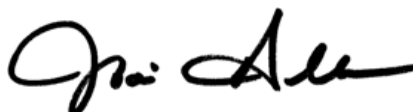
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
12/20/2024 3:02:55 PM

Authorized for release by
Jodi Allen, Project Manager I
Jodi.Allen@et.eurofinsus.com
(281)520-2865

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Laboratory Job ID: 890-7492-1
SDG: BUCKEYE

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Definitions/Glossary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1

Eurofins Carlsbad

Job Narrative 890-7492-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 12/19/2024 3:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 64 (890-7492-3), SS 80 (890-7492-4), SS 262 (890-7492-5), SS 320 (890-7492-6), SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11), SS 495 (890-7492-12), SS 129 (890-7492-13), SS 154 (890-7492-14), SS 504 (890-7492-15), SS 398 (890-7492-16), SS 183 (890-7492-17), SS 200 (890-7492-18), SS 435 (890-7492-19), SS 477 (890-7492-20), SS 176 (890-7492-21), SS 138 (890-7492-22) and SS 420 (890-7492-23).

GC VOA

Method 8021B: The following samples were diluted due to physical characteristics such as color, odor, appearance, viscosity, etc. >>: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 80 (890-7492-4), SS 262 (890-7492-5) and SS 320 (890-7492-6). Elevated reporting limits (RL) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 01 (890-7492-1), SS 20 (890-7492-2) and SS 64 (890-7492-3). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 398 (890-7492-16) and SS 200 (890-7492-18). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SS 176 (890-7492-21). Evidence of matrix interferences is not obvious.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11) and SS 495 (890-7492-12). Elevated reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 46 (890-7492-8), SS 290 (890-7492-10) and SS 495 (890-7492-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: SS 504 (890-7492-15). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-98402/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98402 and analytical batch 880-98425 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within

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Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1 (Continued)

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acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SS 262 (890-7492-5). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Due to the high concentration of Diesel Range Organics (Over C10-C28), the matrix spike (MS) for preparation batch 880-98403 and analytical batch 880-98427 could not be evaluated for accuracy. The associated matrix spike duplicate (MSD) met acceptance criteria.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SS 477 (890-7492-20), (LCS 880-98403/2-A) and (LCSD 880-98403/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The method blank for preparation batch 880-98404 and analytical batch 880-98430 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-98404/2-A) and (LCSD 880-98404/3-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-98404 and analytical batch 880-98430 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The laboratory control sample (LCS) for preparation batch 880-98403 and analytical batch 880-98427 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10. Since only an acceptable LCSD is required per the method, the LCSD shows recovery for the batch and the data has been qualified and reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98374 and analytical batch 880-98376 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01

Lab Sample ID: 890-7492-1

Date Collected: 12/19/24 08:20

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0101	U	0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Ethylbenzene	0.0947		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Toluene	0.0306		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Xylenes, Total	1.81		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
m-Xylene & p-Xylene	0.0449		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
o-Xylene	1.77		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 11:51	20
1,4-Difluorobenzene (Surr)	124		70 - 130	12/20/24 08:24	12/20/24 11:51	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.94		0.0202		mg/Kg			12/20/24 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	287		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	287		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	12/19/24 21:26	12/20/24 12:09	1
o-Terphenyl	86		70 - 130	12/19/24 21:26	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17600		199		mg/Kg			12/20/24 10:49	20

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Ethylbenzene	0.0420		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Toluene	0.0216		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Xylenes, Total	0.350		0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
m-Xylene & p-Xylene	<0.0401	U	0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
o-Xylene	0.350		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	12/20/24 08:24	12/20/24 14:15	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	136	S1+	70 - 130	12/20/24 08:24	12/20/24 14:15	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.414		0.0401		mg/Kg			12/20/24 14:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	110		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	110		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				12/19/24 21:26	12/20/24 12:23	1
o-Terphenyl	77		70 - 130				12/19/24 21:26	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300	F1	49.9		mg/Kg			12/20/24 10:58	5

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Ethylbenzene	0.242		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Toluene	0.0581		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Xylenes, Total	0.781		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
m-Xylene & p-Xylene	0.189		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
o-Xylene	0.592		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20
1,4-Difluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.08		0.0795		mg/Kg			12/20/24 12:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	631		50.0		mg/Kg			12/20/24 09:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Diesel Range Organics (Over C10-C28)	631	F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 09:40	1
o-Terphenyl	78		70 - 130				12/19/24 21:28	12/20/24 09:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3110		50.2		mg/Kg			12/20/24 11:54	5

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Ethylbenzene	0.0344		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Toluene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Xylenes, Total	0.680		0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
m-Xylene & p-Xylene	<0.0399	U	0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
o-Xylene	0.680		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				12/20/24 08:24	12/20/24 14:36	10
1,4-Difluorobenzene (Surr)	106		70 - 130				12/20/24 08:24	12/20/24 14:36	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.714		0.0399		mg/Kg			12/20/24 14:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	188		50.0		mg/Kg			12/20/24 10:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Diesel Range Organics (Over C10-C28)	188		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				12/19/24 21:28	12/20/24 10:24	1
o-Terphenyl	74		70 - 130				12/19/24 21:28	12/20/24 10:24	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3070		100		mg/Kg			12/20/24 11:30	10

Client Sample ID: SS 262

Lab Sample ID: 890-7492-5

Date Collected: 12/19/24 08:59

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Ethylbenzene	0.966		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Toluene	0.415		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Xylenes, Total	1.51		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
m-Xylene & p-Xylene	0.756		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
o-Xylene	0.754		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				12/20/24 08:24	12/20/24 13:14	50
1,4-Difluorobenzene (Surr)	122		70 - 130				12/20/24 08:24	12/20/24 13:14	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.89		0.202		mg/Kg			12/20/24 13:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	463		50.0		mg/Kg			12/20/24 10:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Diesel Range Organics (Over C10-C28)	463		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				12/19/24 21:28	12/20/24 10:38	1
o-Terphenyl	69	S1-	70 - 130				12/19/24 21:28	12/20/24 10:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4470		99.4		mg/Kg			12/20/24 11:48	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 320

Lab Sample ID: 890-7492-6

Date Collected: 12/19/24 09:04

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0503	U	0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Ethylbenzene	0.537		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Toluene	0.125		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Xylenes, Total	1.20		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
m-Xylene & p-Xylene	0.454		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
o-Xylene	0.746		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	12/20/24 08:24	12/20/24 13:34	25
1,4-Difluorobenzene (Surr)	126		70 - 130	12/20/24 08:24	12/20/24 13:34	25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.86		0.101		mg/Kg			12/20/24 13:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	876		49.7		mg/Kg			12/20/24 10:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Diesel Range Organics (Over C10-C28)	876		49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130	12/19/24 21:28	12/20/24 10:53	1
o-Terphenyl	75		70 - 130	12/19/24 21:28	12/20/24 10:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3410		49.8		mg/Kg			12/20/24 11:59	5

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.199	U	0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Ethylbenzene	1.92		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Toluene	0.602		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Xylenes, Total	3.04		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
m-Xylene & p-Xylene	1.78		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
o-Xylene	1.26		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	12/20/24 08:27	12/20/24 12:24	100

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	100		70 - 130	12/20/24 08:27	12/20/24 12:24	100

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	5.56		0.398		mg/Kg			12/20/24 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2500		49.8		mg/Kg			12/20/24 11:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.7		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Diesel Range Organics (Over C10-C28)	2410		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:08	1
o-Terphenyl	95		70 - 130				12/19/24 21:28	12/20/24 11:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3680		49.6		mg/Kg			12/20/24 12:06	5

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.11		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Ethylbenzene	9.28		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Toluene	7.96		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Xylenes, Total	10.9		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
m-Xylene & p-Xylene	6.88		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
o-Xylene	4.05		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130	12/20/24 08:27	12/20/24 12:45	50
1,4-Difluorobenzene (Surr)	94		70 - 130	12/20/24 08:27	12/20/24 12:45	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	29.3		0.200		mg/Kg			12/20/24 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1330		49.9		mg/Kg			12/20/24 11:25	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	95.0		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Diesel Range Organics (Over C10-C28)	1230		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:25	1
o-Terphenyl	81		70 - 130				12/19/24 21:28	12/20/24 11:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5420		101		mg/Kg			12/20/24 12:11	10

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Ethylbenzene	1.52		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Toluene	0.807		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Xylenes, Total	4.70		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
m-Xylene & p-Xylene	3.88		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
o-Xylene	0.815		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				12/20/24 08:27	12/20/24 13:05	50
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:27	12/20/24 13:05	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	7.02		0.202		mg/Kg			12/20/24 13:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	60.0		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Diesel Range Organics (Over C10-C28)	1450		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:40	1
o-Terphenyl	86		70 - 130				12/19/24 21:28	12/20/24 11:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5250		99.4		mg/Kg			12/20/24 12:17	10

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.151		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Ethylbenzene	3.30		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Toluene	1.75		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Xylenes, Total	4.33		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
m-Xylene & p-Xylene	2.60		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
o-Xylene	1.73		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:27	12/20/24 13:25	50
1,4-Difluorobenzene (Surr)	100		70 - 130				12/20/24 08:27	12/20/24 13:25	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	9.53		0.201		mg/Kg			12/20/24 13:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2470		49.8		mg/Kg			12/20/24 11:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	129		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Diesel Range Organics (Over C10-C28)	2340		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				12/19/24 21:28	12/20/24 11:54	1
o-Terphenyl	105		70 - 130				12/19/24 21:28	12/20/24 11:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5400		99.8		mg/Kg			12/20/24 12:23	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.106		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Ethylbenzene	3.81		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Toluene	1.12		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Xylenes, Total	5.28		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
m-Xylene & p-Xylene	3.48		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
o-Xylene	1.80		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	12/20/24 08:27	12/20/24 13:46	50
1,4-Difluorobenzene (Surr)	99		70 - 130	12/20/24 08:27	12/20/24 13:46	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	10.3		0.200		mg/Kg			12/20/24 13:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3950		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	154		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	3800		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	12/19/24 21:28	12/20/24 12:09	1
o-Terphenyl	121		70 - 130	12/19/24 21:28	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4280		49.9		mg/Kg			12/20/24 12:29	5

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0994	U	0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Ethylbenzene	5.40		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Toluene	1.34		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Xylenes, Total	7.57		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
m-Xylene & p-Xylene	4.90		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
o-Xylene	2.67		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130	12/20/24 08:27	12/20/24 14:06	50

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	12/20/24 08:27	12/20/24 14:06	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	14.3		0.199		mg/Kg			12/20/24 14:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3070		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	177		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	2890		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:28	12/20/24 12:23	1
o-Terphenyl	108		70 - 130				12/19/24 21:28	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3660		49.6		mg/Kg			12/20/24 08:36	5

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Ethylbenzene	0.0238		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Toluene	0.00837		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Xylenes, Total	0.0306		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
m-Xylene & p-Xylene	0.0204		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
o-Xylene	0.0102		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	12/20/24 08:33	12/20/24 11:49	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/20/24 08:33	12/20/24 11:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0628		0.00404		mg/Kg			12/20/24 11:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	538		49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Diesel Range Organics (Over C10-C28)	538	F1	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 11:11	1
o-Terphenyl	79		70 - 130				12/19/24 21:30	12/20/24 11:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3350		50.0		mg/Kg			12/20/24 08:43	5

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Ethylbenzene	0.0475		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Toluene	0.0124		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Xylenes, Total	0.0632		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
m-Xylene & p-Xylene	0.0373		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
o-Xylene	0.0259		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				12/20/24 08:33	12/20/24 12:10	1
1,4-Difluorobenzene (Surr)	93		70 - 130				12/20/24 08:33	12/20/24 12:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.123		0.00401		mg/Kg			12/20/24 12:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2710		49.8		mg/Kg			12/20/24 12:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Diesel Range Organics (Over C10-C28)	2710		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 12:00	1
o-Terphenyl	120		70 - 130				12/19/24 21:30	12/20/24 12:00	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1710		50.3		mg/Kg			12/20/24 08:50	5

Client Sample ID: SS 504

Lab Sample ID: 890-7492-15

Date Collected: 12/19/24 11:40

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Ethylbenzene	0.563		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Toluene	0.173		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Xylenes, Total	0.464		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
m-Xylene & p-Xylene	0.290		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
o-Xylene	0.174		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				12/20/24 08:33	12/20/24 13:32	10
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:33	12/20/24 13:32	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.20		0.0398		mg/Kg			12/20/24 13:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 12:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Diesel Range Organics (Over C10-C28)	1510		50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				12/19/24 21:30	12/20/24 12:15	1
o-Terphenyl	97		70 - 130				12/19/24 21:30	12/20/24 12:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2990		50.0		mg/Kg			12/20/24 09:12	5

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 398

Lab Sample ID: 890-7492-16

Date Collected: 12/19/24 11:27

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0262		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Ethylbenzene	0.199		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Toluene	0.168		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Xylenes, Total	0.269		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
m-Xylene & p-Xylene	0.158		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
o-Xylene	0.111		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	12/20/24 08:33	12/20/24 12:30	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:33	12/20/24 12:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.662		0.00399		mg/Kg			12/20/24 12:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3130		49.9		mg/Kg			12/20/24 12:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.1	++	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Diesel Range Organics (Over C10-C28)	3040		49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	12/19/24 21:30	12/20/24 12:31	1
o-Terphenyl	120		70 - 130	12/19/24 21:30	12/20/24 12:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2960		50.1		mg/Kg			12/20/24 09:19	5

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Ethylbenzene	0.0487		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Toluene	0.00442		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Xylenes, Total	0.0402		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
m-Xylene & p-Xylene	0.0276		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
o-Xylene	0.0126		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	12/20/24 08:33	12/20/24 12:51	1

Eurofins Carlsbad

Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	75		70 - 130	12/20/24 08:33	12/20/24 12:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0933		0.00404		mg/Kg			12/20/24 12:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	311		49.8		mg/Kg			12/20/24 12:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Diesel Range Organics (Over C10-C28)	311		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				12/19/24 21:30	12/20/24 12:47	1
o-Terphenyl	77		70 - 130				12/19/24 21:30	12/20/24 12:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.8		9.96		mg/Kg			12/20/24 09:26	1

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Ethylbenzene	0.191		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Toluene	0.110		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Xylenes, Total	0.265		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
m-Xylene & p-Xylene	0.156		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
o-Xylene	0.109		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130	12/20/24 08:33	12/20/24 13:11	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 13:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.566		0.00402		mg/Kg			12/20/24 13:11	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2050		49.9		mg/Kg			12/20/24 13:03	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Diesel Range Organics (Over C10-C28)	2050		49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				12/19/24 21:30	12/20/24 13:03	1
o-Terphenyl	106		70 - 130				12/19/24 21:30	12/20/24 13:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	930		10.0		mg/Kg			12/20/24 09:33	1

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Ethylbenzene	0.00665		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Toluene	0.00205		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Xylenes, Total	0.0105		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
m-Xylene & p-Xylene	0.00628		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
o-Xylene	0.00418		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				12/20/24 08:30	12/20/24 12:07	1
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 12:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0192		0.00404		mg/Kg			12/20/24 12:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	601		49.7		mg/Kg			12/20/24 13:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U **	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Diesel Range Organics (Over C10-C28)	601		49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				12/19/24 21:30	12/20/24 13:20	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 13:20	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3030		49.7		mg/Kg			12/20/24 09:40	5

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Xylenes, Total	0.133		0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
o-Xylene	0.133		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				12/20/24 08:30	12/20/24 12:27	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/20/24 08:30	12/20/24 12:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.133		0.00401		mg/Kg			12/20/24 12:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/20/24 13:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 13:36	1
o-Terphenyl	66	S1-	70 - 130				12/19/24 21:30	12/20/24 13:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		10.0		mg/Kg			12/20/24 09:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Ethylbenzene	0.950		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Toluene	0.199		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Xylenes, Total	1.58		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
m-Xylene & p-Xylene	0.943		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
o-Xylene	0.636		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	193	S1+	70 - 130	12/20/24 08:30	12/20/24 13:28	10
1,4-Difluorobenzene (Surr)	104		70 - 130	12/20/24 08:30	12/20/24 13:28	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.73		0.0398		mg/Kg			12/20/24 13:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2110		49.8		mg/Kg			12/20/24 13:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Diesel Range Organics (Over C10-C28)	2110		49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	12/19/24 21:30	12/20/24 13:52	1
o-Terphenyl	112		70 - 130	12/19/24 21:30	12/20/24 13:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	812		9.98		mg/Kg			12/20/24 10:09	1

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Ethylbenzene	0.0120		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Toluene	0.00377		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Xylenes, Total	0.0233		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
m-Xylene & p-Xylene	0.0102		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
o-Xylene	0.0131		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	12/20/24 08:30	12/20/24 12:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130	12/20/24 08:30	12/20/24 12:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0391		0.00399		mg/Kg			12/20/24 12:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	573		49.8		mg/Kg			12/20/24 14:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Diesel Range Organics (Over C10-C28)	573		49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 14:07	1
o-Terphenyl	78		70 - 130				12/19/24 21:30	12/20/24 14:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2650		50.1		mg/Kg			12/20/24 10:16	5

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Xylenes, Total	0.0889		0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
o-Xylene	0.0889		0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	12/20/24 08:30	12/20/24 13:08	1
1,4-Difluorobenzene (Surr)	91		70 - 130	12/20/24 08:30	12/20/24 13:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0889		0.00404		mg/Kg			12/20/24 13:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 420
Date Collected: 12/19/24 12:22
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-23
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	104		70 - 130				12/19/24 21:32	12/20/24 11:11	1	
o-Terphenyl	109		70 - 130				12/19/24 21:32	12/20/24 11:11	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	162		9.94		mg/Kg			12/20/24 10:38	1	

Surrogate Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-7492-1	SS 01	131 S1+	124
890-7492-2	SS 20	128	136 S1+
890-7492-3	SS 64	137 S1+	131 S1+
890-7492-4	SS 80	144 S1+	106
890-7492-5	SS 262	125	122
890-7492-6	SS 320	126	126
890-7492-7	SS 488	106	100
890-7492-8	SS 46	171 S1+	94
890-7492-9	SS 107	107	101
890-7492-10	SS 290	131 S1+	100
890-7492-11	SS 339	122	99
890-7492-12	SS 495	139 S1+	104
890-7492-13	SS 129	109	95
890-7492-14	SS 154	99	93
890-7492-15	SS 504	110	94
890-7492-16	SS 398	141 S1+	96
890-7492-17	SS 183	88	75
890-7492-18	SS 200	159 S1+	93
890-7492-19	SS 435	113	104
890-7492-20	SS 477	98	95
890-7492-21	SS 176	193 S1+	104
890-7492-22	SS 138	115	103
890-7492-23	SS 420	95	91
LCS 880-98432/1-A	Lab Control Sample	101	96
LCS 880-98433/1-A	Lab Control Sample	96	103
LCS 880-98434/1-A	Lab Control Sample	107	104
LCS 880-98435/1-A	Lab Control Sample	106	99
LCSD 880-98432/2-A	Lab Control Sample Dup	103	99
LCSD 880-98433/2-A	Lab Control Sample Dup	94	103
LCSD 880-98434/2-A	Lab Control Sample Dup	109	103
LCSD 880-98435/2-A	Lab Control Sample Dup	108	98
MB 880-98432/5-A	Method Blank	112	85
MB 880-98433/5-A	Method Blank	98	96
MB 880-98434/5-A	Method Blank	111	101
MB 880-98435/5-A	Method Blank	92	93
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-1	SS 01	83	86
890-7492-2	SS 20	76	77
890-7492-3	SS 64	75	78
890-7492-3 MS	SS 64	78	76

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Surrogate Summary

Client: CDH Consulting

Job ID: 890-7492-1

Project/Site: CLOSE ENCOUNTER 301 H

SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-3 MSD	SS 64	77	76
890-7492-4	SS 80	73	74
890-7492-5	SS 262	70	69 S1-
890-7492-6	SS 320	74	75
890-7492-7	SS 488	75	95
890-7492-8	SS 46	75	81
890-7492-9	SS 107	75	86
890-7492-10	SS 290	85	105
890-7492-11	SS 339	84	121
890-7492-12	SS 495	88	108
890-7492-13	SS 129	84	79
890-7492-13 MS	SS 129	80	81
890-7492-13 MSD	SS 129	79	81
890-7492-14	SS 154	84	120
890-7492-15	SS 504	92	97
890-7492-16	SS 398	85	120
890-7492-17	SS 183	87	77
890-7492-18	SS 200	82	106
890-7492-19	SS 435	77	74
890-7492-20	SS 477	81	66 S1-
890-7492-21	SS 176	88	112
890-7492-22	SS 138	81	78
890-7492-23	SS 420	104	109
890-7492-23 MS	SS 420	92	99
890-7492-23 MSD	SS 420	92	99
LCS 880-98401/2-A	Lab Control Sample	118	102
LCS 880-98402/2-A	Lab Control Sample	121	104
LCS 880-98403/2-A	Lab Control Sample	136 S1+	123
LCS 880-98404/2-A	Lab Control Sample	158 S1+	172 S1+
LCSD 880-98401/3-A	Lab Control Sample Dup	110	95
LCSD 880-98402/3-A	Lab Control Sample Dup	145 S1+	123
LCSD 880-98403/3-A	Lab Control Sample Dup	133 S1+	120
LCSD 880-98404/3-A	Lab Control Sample Dup	166 S1+	175 S1+
MB 880-98401/1-A	Method Blank	81	80
MB 880-98402/1-A	Method Blank	75	75
MB 880-98403/1-A	Method Blank	91	74
MB 880-98404/1-A	Method Blank	93	96

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-98432/5-A
Matrix: Solid
Analysis Batch: 98350

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 98432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				12/20/24 08:24	12/20/24 11:08	1
1,4-Difluorobenzene (Surr)	85		70 - 130				12/20/24 08:24	12/20/24 11:08	1

Lab Sample ID: LCS 880-98432/1-A
Matrix: Solid
Analysis Batch: 98350

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1137		mg/Kg		114	70 - 130
Ethylbenzene	0.100	0.1107		mg/Kg		111	70 - 130
Toluene	0.100	0.1082		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2221		mg/Kg		111	70 - 130
o-Xylene	0.100	0.1128		mg/Kg		113	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	101		70 - 130				
1,4-Difluorobenzene (Surr)	96		70 - 130				

Lab Sample ID: LCSD 880-98432/2-A
Matrix: Solid
Analysis Batch: 98350

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98432

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1182		mg/Kg		118	70 - 130	4	35
Ethylbenzene	0.100	0.1145		mg/Kg		114	70 - 130	3	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2282		mg/Kg		114	70 - 130	3	35
o-Xylene	0.100	0.1165		mg/Kg		117	70 - 130	3	35
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	103		70 - 130						
1,4-Difluorobenzene (Surr)	99		70 - 130						

Lab Sample ID: MB 880-98433/5-A
Matrix: Solid
Analysis Batch: 98351

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	12/20/24 08:27	12/20/24 11:02	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:27	12/20/24 11:02	1

Lab Sample ID: LCS 880-98433/1-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1001		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09410		mg/Kg		94	70 - 130
Toluene	0.100	0.09371		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1885		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09536		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-98433/2-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1048		mg/Kg		105	70 - 130	5	35
Ethylbenzene	0.100	0.09886		mg/Kg		99	70 - 130	5	35
Toluene	0.100	0.09817		mg/Kg		98	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1969		mg/Kg		98	70 - 130	4	35
o-Xylene	0.100	0.09974		mg/Kg		100	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	111		70 - 130				12/20/24 08:30	12/20/24 11:25	1
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:30	12/20/24 11:25	1

Lab Sample ID: LCS 880-98434/1-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits		
		Result	Qualifier						
Benzene	0.100	0.1149		mg/Kg		115	70 - 130		
Ethylbenzene	0.100	0.1100		mg/Kg		110	70 - 130		
Toluene	0.100	0.1116		mg/Kg		112	70 - 130		
m-Xylene & p-Xylene	0.200	0.2234		mg/Kg		112	70 - 130		
o-Xylene	0.100	0.1142		mg/Kg		114	70 - 130		
Surrogate	LCS	LCS	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	107		70 - 130						
1,4-Difluorobenzene (Surr)	104		70 - 130						

Lab Sample ID: LCSD 880-98434/2-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.1162		mg/Kg		116	70 - 130	1	35
Ethylbenzene	0.100	0.1102		mg/Kg		110	70 - 130	0	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2247		mg/Kg		112	70 - 130	1	35
o-Xylene	0.100	0.1148		mg/Kg		115	70 - 130	1	35
Surrogate	LCSD	LCSD	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	109		70 - 130						
1,4-Difluorobenzene (Surr)	103		70 - 130						

Lab Sample ID: MB 880-98435/5-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98435

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	12/20/24 08:33	12/20/24 11:07	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 11:07	1

Lab Sample ID: LCS 880-98435/1-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1025		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.1037		mg/Kg		104	70 - 130
Toluene	0.100	0.1077		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2015		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1117		mg/Kg		112	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-98435/2-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1068		mg/Kg		107	70 - 130	4	35
Ethylbenzene	0.100	0.1065		mg/Kg		107	70 - 130	3	35
Toluene	0.100	0.1103		mg/Kg		110	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2041		mg/Kg		102	70 - 130	1	35
o-Xylene	0.100	0.1136		mg/Kg		114	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-98401/1-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98401

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130	12/19/24 21:26	12/20/24 00:11	1
o-Terphenyl	80		70 - 130	12/19/24 21:26	12/20/24 00:11	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98401/2-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98401

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1058		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	960.9		mg/Kg		96	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	118		70 - 130				
o-Terphenyl	102		70 - 130				

Lab Sample ID: LCSD 880-98401/3-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98401

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1005		mg/Kg		101	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	903.5		mg/Kg		90	70 - 130	6	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	110		70 - 130						
o-Terphenyl	95		70 - 130						

Lab Sample ID: MB 880-98402/1-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98402

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1-Chlorooctane	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	
o-Terphenyl	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	

Lab Sample ID: LCS 880-98402/2-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1061		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1028		mg/Kg		103	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98402/2-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98402

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: LCSD 880-98402/3-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98402

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1288		mg/Kg		129	70 - 130	19	20
Diesel Range Organics (Over C10-C28)			1000	1231		mg/Kg		123	70 - 130	18	20
Surrogate	LCSD	LCSD									
	%Recovery	Qualifier									
1-Chlorooctane	145	S1+									
o-Terphenyl	123										

Lab Sample ID: 890-7492-3 MS

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: SS 64

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	665.3	F1	mg/Kg		67	70 - 130		
Diesel Range Organics (Over C10-C28)	631	F1	998	1155	F1	mg/Kg		53	70 - 130		
Surrogate	MS	MS									
	%Recovery	Qualifier									
1-Chlorooctane	78										
o-Terphenyl	76										

Lab Sample ID: 890-7492-3 MSD

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: SS 64

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	660.4	F1	mg/Kg		66	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	631	F1	998	1141	F1	mg/Kg		51	70 - 130	1	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier									
1-Chlorooctane	77										
o-Terphenyl	76										

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-98403/1-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98403

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				12/19/24 21:30	12/20/24 09:12	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 09:12	1

Lab Sample ID: LCS 880-98403/2-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1333	*+	mg/Kg		133	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1178		mg/Kg		118	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	136	S1+	70 - 130				
o-Terphenyl	123		70 - 130				

Lab Sample ID: LCSD 880-98403/3-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1180		mg/Kg		118	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	1000	1166		mg/Kg		117	70 - 130	1	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	133	S1+	70 - 130						
o-Terphenyl	120		70 - 130						

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	997	729.6		mg/Kg		73	70 - 130
Diesel Range Organics (Over C10-C28)	538	F1	997	1207	F1	mg/Kg		67	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	80		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: 890-7492-13 MSD

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	997	855.4		mg/Kg		86	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	538	F1	997	1282		mg/Kg		75	70 - 130	6	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	79		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: MB 880-98404/1-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98404

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	93		70 - 130	12/19/24 21:32	12/20/24 09:12	1			
o-Terphenyl	96		70 - 130	12/19/24 21:32	12/20/24 09:12	1			

Lab Sample ID: LCS 880-98404/2-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1398	*+	mg/Kg		140	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1468	*+	mg/Kg		147	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	158	S1+	70 - 130
o-Terphenyl	172	S1+	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-98404/3-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1465	*+	mg/Kg		147	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	1590	*+	mg/Kg		159	70 - 130	8	20
		LCSD	LCSD						
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane	166	S1+	70 - 130						
o-Terphenyl	175	S1+	70 - 130						

Lab Sample ID: 890-7492-23 MS

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: SS 420

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	781.1		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	867.3		mg/Kg		84	70 - 130		
		MS	MS								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Lab Sample ID: 890-7492-23 MSD

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: SS 420

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	804.1		mg/Kg		80	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	863.1		mg/Kg		84	70 - 130	0	20
		MSD	MSD								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-98374/1-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 08:34	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-98374/2-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.6		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-98374/3-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	245.0		mg/Kg		98	90 - 110	2	20

Lab Sample ID: 890-7492-2 MS

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1300	F1	1250	3073	F1	mg/Kg		142	90 - 110

Lab Sample ID: 890-7492-2 MSD

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1300	F1	1250	3070	F1	mg/Kg		142	90 - 110	0	20

Lab Sample ID: MB 880-98373/1-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 03:00	1

Lab Sample ID: LCS 880-98373/2-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	258.6		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-98373/3-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	257.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-7492-20 MS

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: SS 477

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	126		257	387.5		mg/Kg		102	90 - 110

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-7492-20 MSD							Client Sample ID: SS 477					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 98377												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	126		248	372.8		mg/Kg		100	90 - 110	4	20	

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA

Analysis Batch: 98350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-2	SS 20	Total/NA	Solid	8021B	98432
890-7492-3	SS 64	Total/NA	Solid	8021B	98432
890-7492-4	SS 80	Total/NA	Solid	8021B	98432
890-7492-5	SS 262	Total/NA	Solid	8021B	98432
890-7492-6	SS 320	Total/NA	Solid	8021B	98432
MB 880-98432/5-A	Method Blank	Total/NA	Solid	8021B	98432
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	8021B	98432
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98432

Analysis Batch: 98351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	8021B	98433
890-7492-8	SS 46	Total/NA	Solid	8021B	98433
890-7492-9	SS 107	Total/NA	Solid	8021B	98433
890-7492-10	SS 290	Total/NA	Solid	8021B	98433
890-7492-11	SS 339	Total/NA	Solid	8021B	98433
890-7492-12	SS 495	Total/NA	Solid	8021B	98433
MB 880-98433/5-A	Method Blank	Total/NA	Solid	8021B	98433
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	8021B	98433
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98433

Analysis Batch: 98352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	8021B	98434
890-7492-20	SS 477	Total/NA	Solid	8021B	98434
890-7492-21	SS 176	Total/NA	Solid	8021B	98434
890-7492-22	SS 138	Total/NA	Solid	8021B	98434
890-7492-23	SS 420	Total/NA	Solid	8021B	98434
MB 880-98434/5-A	Method Blank	Total/NA	Solid	8021B	98434
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	8021B	98434
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98434

Analysis Batch: 98353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8021B	98435
890-7492-14	SS 154	Total/NA	Solid	8021B	98435
890-7492-15	SS 504	Total/NA	Solid	8021B	98435
890-7492-16	SS 398	Total/NA	Solid	8021B	98435
890-7492-17	SS 183	Total/NA	Solid	8021B	98435
890-7492-18	SS 200	Total/NA	Solid	8021B	98435
MB 880-98435/5-A	Method Blank	Total/NA	Solid	8021B	98435
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	8021B	98435
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98435

Prep Batch: 98432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	5035	
890-7492-2	SS 20	Total/NA	Solid	5035	
890-7492-3	SS 64	Total/NA	Solid	5035	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Prep Batch: 98432 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-4	SS 80	Total/NA	Solid	5035	
890-7492-5	SS 262	Total/NA	Solid	5035	
890-7492-6	SS 320	Total/NA	Solid	5035	
MB 880-98432/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	5035	
890-7492-8	SS 46	Total/NA	Solid	5035	
890-7492-9	SS 107	Total/NA	Solid	5035	
890-7492-10	SS 290	Total/NA	Solid	5035	
890-7492-11	SS 339	Total/NA	Solid	5035	
890-7492-12	SS 495	Total/NA	Solid	5035	
MB 880-98433/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	5035	
890-7492-20	SS 477	Total/NA	Solid	5035	
890-7492-21	SS 176	Total/NA	Solid	5035	
890-7492-22	SS 138	Total/NA	Solid	5035	
890-7492-23	SS 420	Total/NA	Solid	5035	
MB 880-98434/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	5035	
890-7492-14	SS 154	Total/NA	Solid	5035	
890-7492-15	SS 504	Total/NA	Solid	5035	
890-7492-16	SS 398	Total/NA	Solid	5035	
890-7492-17	SS 183	Total/NA	Solid	5035	
890-7492-18	SS 200	Total/NA	Solid	5035	
MB 880-98435/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 98498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	Total BTEX	
890-7492-2	SS 20	Total/NA	Solid	Total BTEX	
890-7492-3	SS 64	Total/NA	Solid	Total BTEX	
890-7492-4	SS 80	Total/NA	Solid	Total BTEX	
890-7492-5	SS 262	Total/NA	Solid	Total BTEX	
890-7492-6	SS 320	Total/NA	Solid	Total BTEX	
890-7492-7	SS 488	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Analysis Batch: 98498 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-8	SS 46	Total/NA	Solid	Total BTEX	
890-7492-9	SS 107	Total/NA	Solid	Total BTEX	
890-7492-10	SS 290	Total/NA	Solid	Total BTEX	
890-7492-11	SS 339	Total/NA	Solid	Total BTEX	
890-7492-12	SS 495	Total/NA	Solid	Total BTEX	
890-7492-13	SS 129	Total/NA	Solid	Total BTEX	
890-7492-14	SS 154	Total/NA	Solid	Total BTEX	
890-7492-15	SS 504	Total/NA	Solid	Total BTEX	
890-7492-16	SS 398	Total/NA	Solid	Total BTEX	
890-7492-17	SS 183	Total/NA	Solid	Total BTEX	
890-7492-18	SS 200	Total/NA	Solid	Total BTEX	
890-7492-19	SS 435	Total/NA	Solid	Total BTEX	
890-7492-20	SS 477	Total/NA	Solid	Total BTEX	
890-7492-21	SS 176	Total/NA	Solid	Total BTEX	
890-7492-22	SS 138	Total/NA	Solid	Total BTEX	
890-7492-23	SS 420	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 98401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015NM Prep	
890-7492-2	SS 20	Total/NA	Solid	8015NM Prep	
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 98402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-4	SS 80	Total/NA	Solid	8015NM Prep	
890-7492-5	SS 262	Total/NA	Solid	8015NM Prep	
890-7492-6	SS 320	Total/NA	Solid	8015NM Prep	
890-7492-7	SS 488	Total/NA	Solid	8015NM Prep	
890-7492-8	SS 46	Total/NA	Solid	8015NM Prep	
890-7492-9	SS 107	Total/NA	Solid	8015NM Prep	
890-7492-10	SS 290	Total/NA	Solid	8015NM Prep	
890-7492-11	SS 339	Total/NA	Solid	8015NM Prep	
890-7492-12	SS 495	Total/NA	Solid	8015NM Prep	
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-3 MS	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-3 MSD	SS 64	Total/NA	Solid	8015NM Prep	

Prep Batch: 98403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-14	SS 154	Total/NA	Solid	8015NM Prep	
890-7492-15	SS 504	Total/NA	Solid	8015NM Prep	
890-7492-16	SS 398	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Prep Batch: 98403 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-17	SS 183	Total/NA	Solid	8015NM Prep	
890-7492-18	SS 200	Total/NA	Solid	8015NM Prep	
890-7492-19	SS 435	Total/NA	Solid	8015NM Prep	
890-7492-20	SS 477	Total/NA	Solid	8015NM Prep	
890-7492-21	SS 176	Total/NA	Solid	8015NM Prep	
890-7492-22	SS 138	Total/NA	Solid	8015NM Prep	
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-13 MS	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-13 MSD	SS 129	Total/NA	Solid	8015NM Prep	

Prep Batch: 98404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015NM Prep	
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-23 MS	SS 420	Total/NA	Solid	8015NM Prep	
890-7492-23 MSD	SS 420	Total/NA	Solid	8015NM Prep	

Analysis Batch: 98423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015B NM	98401
890-7492-2	SS 20	Total/NA	Solid	8015B NM	98401
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015B NM	98401
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98401
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98401

Analysis Batch: 98425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-4	SS 80	Total/NA	Solid	8015B NM	98402
890-7492-5	SS 262	Total/NA	Solid	8015B NM	98402
890-7492-6	SS 320	Total/NA	Solid	8015B NM	98402
890-7492-7	SS 488	Total/NA	Solid	8015B NM	98402
890-7492-8	SS 46	Total/NA	Solid	8015B NM	98402
890-7492-9	SS 107	Total/NA	Solid	8015B NM	98402
890-7492-10	SS 290	Total/NA	Solid	8015B NM	98402
890-7492-11	SS 339	Total/NA	Solid	8015B NM	98402
890-7492-12	SS 495	Total/NA	Solid	8015B NM	98402
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015B NM	98402
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98402
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98402
890-7492-3 MS	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-3 MSD	SS 64	Total/NA	Solid	8015B NM	98402

Analysis Batch: 98427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-14	SS 154	Total/NA	Solid	8015B NM	98403

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Analysis Batch: 98427 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-15	SS 504	Total/NA	Solid	8015B NM	98403
890-7492-16	SS 398	Total/NA	Solid	8015B NM	98403
890-7492-17	SS 183	Total/NA	Solid	8015B NM	98403
890-7492-18	SS 200	Total/NA	Solid	8015B NM	98403
890-7492-19	SS 435	Total/NA	Solid	8015B NM	98403
890-7492-20	SS 477	Total/NA	Solid	8015B NM	98403
890-7492-21	SS 176	Total/NA	Solid	8015B NM	98403
890-7492-22	SS 138	Total/NA	Solid	8015B NM	98403
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015B NM	98403
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98403
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98403
890-7492-13 MS	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-13 MSD	SS 129	Total/NA	Solid	8015B NM	98403

Analysis Batch: 98430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015B NM	98404
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015B NM	98404
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98404
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98404
890-7492-23 MS	SS 420	Total/NA	Solid	8015B NM	98404
890-7492-23 MSD	SS 420	Total/NA	Solid	8015B NM	98404

Analysis Batch: 98523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015 NM	
890-7492-2	SS 20	Total/NA	Solid	8015 NM	
890-7492-3	SS 64	Total/NA	Solid	8015 NM	
890-7492-4	SS 80	Total/NA	Solid	8015 NM	
890-7492-5	SS 262	Total/NA	Solid	8015 NM	
890-7492-6	SS 320	Total/NA	Solid	8015 NM	
890-7492-7	SS 488	Total/NA	Solid	8015 NM	
890-7492-8	SS 46	Total/NA	Solid	8015 NM	
890-7492-9	SS 107	Total/NA	Solid	8015 NM	
890-7492-10	SS 290	Total/NA	Solid	8015 NM	
890-7492-11	SS 339	Total/NA	Solid	8015 NM	
890-7492-12	SS 495	Total/NA	Solid	8015 NM	
890-7492-13	SS 129	Total/NA	Solid	8015 NM	
890-7492-14	SS 154	Total/NA	Solid	8015 NM	
890-7492-15	SS 504	Total/NA	Solid	8015 NM	
890-7492-16	SS 398	Total/NA	Solid	8015 NM	
890-7492-17	SS 183	Total/NA	Solid	8015 NM	
890-7492-18	SS 200	Total/NA	Solid	8015 NM	
890-7492-19	SS 435	Total/NA	Solid	8015 NM	
890-7492-20	SS 477	Total/NA	Solid	8015 NM	
890-7492-21	SS 176	Total/NA	Solid	8015 NM	
890-7492-22	SS 138	Total/NA	Solid	8015 NM	
890-7492-23	SS 420	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC

Leach Batch: 98373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	DI Leach	
890-7492-13	SS 129	Soluble	Solid	DI Leach	
890-7492-14	SS 154	Soluble	Solid	DI Leach	
890-7492-15	SS 504	Soluble	Solid	DI Leach	
890-7492-16	SS 398	Soluble	Solid	DI Leach	
890-7492-17	SS 183	Soluble	Solid	DI Leach	
890-7492-18	SS 200	Soluble	Solid	DI Leach	
890-7492-19	SS 435	Soluble	Solid	DI Leach	
890-7492-20	SS 477	Soluble	Solid	DI Leach	
890-7492-21	SS 176	Soluble	Solid	DI Leach	
890-7492-22	SS 138	Soluble	Solid	DI Leach	
890-7492-23	SS 420	Soluble	Solid	DI Leach	
MB 880-98373/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-20 MS	SS 477	Soluble	Solid	DI Leach	
890-7492-20 MSD	SS 477	Soluble	Solid	DI Leach	

Leach Batch: 98374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	DI Leach	
890-7492-2	SS 20	Soluble	Solid	DI Leach	
890-7492-3	SS 64	Soluble	Solid	DI Leach	
890-7492-4	SS 80	Soluble	Solid	DI Leach	
890-7492-5	SS 262	Soluble	Solid	DI Leach	
890-7492-6	SS 320	Soluble	Solid	DI Leach	
890-7492-7	SS 488	Soluble	Solid	DI Leach	
890-7492-8	SS 46	Soluble	Solid	DI Leach	
890-7492-9	SS 107	Soluble	Solid	DI Leach	
890-7492-10	SS 290	Soluble	Solid	DI Leach	
890-7492-11	SS 339	Soluble	Solid	DI Leach	
MB 880-98374/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-2 MS	SS 20	Soluble	Solid	DI Leach	
890-7492-2 MSD	SS 20	Soluble	Solid	DI Leach	

Analysis Batch: 98376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	300.0	98374
890-7492-2	SS 20	Soluble	Solid	300.0	98374
890-7492-3	SS 64	Soluble	Solid	300.0	98374
890-7492-4	SS 80	Soluble	Solid	300.0	98374
890-7492-5	SS 262	Soluble	Solid	300.0	98374
890-7492-6	SS 320	Soluble	Solid	300.0	98374
890-7492-7	SS 488	Soluble	Solid	300.0	98374
890-7492-8	SS 46	Soluble	Solid	300.0	98374
890-7492-9	SS 107	Soluble	Solid	300.0	98374
890-7492-10	SS 290	Soluble	Solid	300.0	98374
890-7492-11	SS 339	Soluble	Solid	300.0	98374
MB 880-98374/1-A	Method Blank	Soluble	Solid	300.0	98374

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC (Continued)

Analysis Batch: 98376 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	300.0	98374
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98374
890-7492-2 MS	SS 20	Soluble	Solid	300.0	98374
890-7492-2 MSD	SS 20	Soluble	Solid	300.0	98374

Analysis Batch: 98377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	300.0	98373
890-7492-13	SS 129	Soluble	Solid	300.0	98373
890-7492-14	SS 154	Soluble	Solid	300.0	98373
890-7492-15	SS 504	Soluble	Solid	300.0	98373
890-7492-16	SS 398	Soluble	Solid	300.0	98373
890-7492-17	SS 183	Soluble	Solid	300.0	98373
890-7492-18	SS 200	Soluble	Solid	300.0	98373
890-7492-19	SS 435	Soluble	Solid	300.0	98373
890-7492-20	SS 477	Soluble	Solid	300.0	98373
890-7492-21	SS 176	Soluble	Solid	300.0	98373
890-7492-22	SS 138	Soluble	Solid	300.0	98373
890-7492-23	SS 420	Soluble	Solid	300.0	98373
MB 880-98373/1-A	Method Blank	Soluble	Solid	300.0	98373
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	300.0	98373
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98373
890-7492-20 MS	SS 477	Soluble	Solid	300.0	98373
890-7492-20 MSD	SS 477	Soluble	Solid	300.0	98373

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01
Date Collected: 12/19/24 08:20
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 11:51
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		5	98350	MNR	EET MID	12/20/24 13:55
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:55
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		20	98376	CH	EET MID	12/20/24 10:49

Client Sample ID: SS 20
Date Collected: 12/19/24 08:36
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:15
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:15
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 10:58

Client Sample ID: SS 64
Date Collected: 12/19/24 08:47
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 12:33
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:33
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 09:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 09:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:54

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80
Date Collected: 12/19/24 08:53
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:36
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:36
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:24
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:24
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:30

Client Sample ID: SS 262
Date Collected: 12/19/24 08:59
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		50	98350	MNR	EET MID	12/20/24 13:14
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:14
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:38
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:38
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:48

Client Sample ID: SS 320
Date Collected: 12/19/24 09:04
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		25	98350	MNR	EET MID	12/20/24 13:34
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:34
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:53
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:53
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:59

Client Sample ID: SS 488
Date Collected: 12/19/24 09:12
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		100	98351	MNR	EET MID	12/20/24 12:24
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:24

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488
Date Collected: 12/19/24 09:12
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:08
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:08
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:06

Client Sample ID: SS 46
Date Collected: 12/19/24 10:15
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 12:45
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:45
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:25
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:25
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:11

Client Sample ID: SS 107
Date Collected: 12/19/24 10:22
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:05
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:05
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:17

Client Sample ID: SS 290
Date Collected: 12/19/24 10:30
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:25
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:25
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:54
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:54

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:23

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:46
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:46
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:29

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 14:06
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:06
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:36

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 11:49
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 11:49
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:43

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154
Date Collected: 12/19/24 11:19
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:10
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:10
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:00
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:00
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:50

Client Sample ID: SS 504
Date Collected: 12/19/24 11:40
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		10	98353	MNR	EET MID	12/20/24 13:32
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:32
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:15
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:15
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:12

Client Sample ID: SS 398
Date Collected: 12/19/24 11:27
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:30
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:30
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:31
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:31
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:19

Client Sample ID: SS 183
Date Collected: 12/19/24 11:44
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:51
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:51

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:47
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:47
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:26

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 13:11
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:11
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:03
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:03
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:33

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:07
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:07
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:20
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:20
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:40

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:27
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:27
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:36
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:36

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:48

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		10	98352	MNR	EET MID	12/20/24 13:28
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:28
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:52
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:52
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:09

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:48
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:48
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 14:07
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 14:07
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 10:16

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 13:08
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:08
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98404	EL	EET MID	12/19/24 21:32
Total/NA	Analysis	8015B NM		1	98430	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:38

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7492-1	SS 01	Solid	12/19/24 08:20	12/19/24 15:45	- SURFACE
890-7492-2	SS 20	Solid	12/19/24 08:36	12/19/24 15:45	- SURFACE
890-7492-3	SS 64	Solid	12/19/24 08:47	12/19/24 15:45	- SURFACE
890-7492-4	SS 80	Solid	12/19/24 08:53	12/19/24 15:45	- SURFACE
890-7492-5	SS 262	Solid	12/19/24 08:59	12/19/24 15:45	- SURFACE
890-7492-6	SS 320	Solid	12/19/24 09:04	12/19/24 15:45	- SURFACE
890-7492-7	SS 488	Solid	12/19/24 09:12	12/19/24 15:45	- SURFACE
890-7492-8	SS 46	Solid	12/19/24 10:15	12/19/24 15:45	- SURFACE
890-7492-9	SS 107	Solid	12/19/24 10:22	12/19/24 15:45	- SURFACE
890-7492-10	SS 290	Solid	12/19/24 10:30	12/19/24 15:45	- SURFACE
890-7492-11	SS 339	Solid	12/19/24 10:37	12/19/24 15:45	- SURFACE
890-7492-12	SS 495	Solid	12/19/24 10:44	12/19/24 15:45	- SURFACE
890-7492-13	SS 129	Solid	12/19/24 11:07	12/19/24 15:45	- SURFACE
890-7492-14	SS 154	Solid	12/19/24 11:19	12/19/24 15:45	- SURFACE
890-7492-15	SS 504	Solid	12/19/24 11:40	12/19/24 15:45	- SURFACE
890-7492-16	SS 398	Solid	12/19/24 11:27	12/19/24 15:45	- SURFACE
890-7492-17	SS 183	Solid	12/19/24 11:44	12/19/24 15:45	- SURFACE
890-7492-18	SS 200	Solid	12/19/24 11:49	12/19/24 15:45	- SURFACE
890-7492-19	SS 435	Solid	12/19/24 11:53	12/19/24 15:45	- SURFACE
890-7492-20	SS 477	Solid	12/19/24 12:02	12/19/24 15:45	- SURFACE
890-7492-21	SS 176	Solid	12/19/24 12:07	12/19/24 15:45	- SURFACE
890-7492-22	SS 138	Solid	12/19/24 12:17	12/19/24 15:45	- SURFACE
890-7492-23	SS 420	Solid	12/19/24 12:22	12/19/24 15:45	- SURFACE



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 1 of 3

Project Manager: <u>Michael Wicker</u>		Bill to: (if different)		CDH Consulting	
Company Name: <u>Cotto</u>		Company Name:		Program: ☐ PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
Address:		Address:		State of Project:	
City, State ZIP:		City, State ZIP:		Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Phone: <u>1616-970-8459</u>		Email: <u>mwicker@cdhconsult.com</u>		Deliverables: EDD ☐ ADAPT ☐ Other:	
Project Name: <u>Close Encounter 30114</u>		Turn Around		ANALYSIS REQUEST	
Project Number:		☐ Routine ☒ Rush		Preservative Codes	
Project Location: <u>Buckeye, NM</u>		Due Date: <u>12-20-2011</u>		None: NO DI Water: H ₂ O	
Sampler's Name: <u>Dakotah Cueto</u>		TAT starts the day received by the lab, if received by 4:30pm		Cool: Cool MeOH: Me	
PO #:		TAT starts the day received by the lab, if received by 4:30pm		HCL: HC HNO ₃	
SAMPLE RECEIPT		Temp Blank: Yes ☒ No ☐ Wet Ice: Yes ☒ No ☐		H ₂ SO ₄ : H ₂ NaOH: Na	
Samples Received Intact: Yes ☒ No ☐		Thermometer ID: <u>T-0.2</u>		H ₃ PO ₄ : HP	
Cooler Custody Seals: Yes ☒ No ☐		Correction Factor: <u>-0.2</u>		NaHSO ₄ : NABIS	
Sample Custody Seals: Yes ☒ No ☐		Temperature Reading: <u>5.8</u>		Na ₂ S ₂ O ₃ : NaSO ₃	
Total Containers: <u>5.0</u>		Corrected Temperature: <u>5.0</u>		Zn Acetate+NaOH: Zn	
Sample Identification		Date Sampled		NaOH+Ascorbic Acid: SAPC	
Matrix		Time Sampled		Sample Comments	
S		12-19-2011 08:120 Surf			
S		08:36			
S		08:47			
S		08:53			
S		08:59			
S		09:04			
S		09:12			
S		10:15			
S		10:22			
S		10:30			
S					
Total 200.7 / 6010 200.8 / 6020:		8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn			
Circle Method(s) and Metal(s) to be analyzed		TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471			
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.					
Relinquished by: (Signature)		Received by: (Signature)		Date/Time	
<u>Dakotah Cueto</u>		<u>12/19 1545</u>			
3		4			
5		6			

Revised Date: 06/25/2020 Rev. 2020.2

Chain of Custody



Environment Testing

Work Order No:

Page 2 of 3

Little Rock, AR (501) 224-5060

[illegible]

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	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	<i>Dakotah Nieto</i>			2		
3				4		
5				6		

Reviewed Date: 08/25/2020 Rev: 2020 2



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3499
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 3 of 3

Work Order Comments						
Project Manager:	Michael Wicker	Bill To: (if different)	C2H Consulting			
Company Name:	CCHD	Company Name:				
Address:		Address:				
City, State ZIP:		City, State ZIP:				
Phone:	616-970-8469	Email:	mwicker@cchdconsult.com			
Project Name:	Close Encounter 301H	Turn Around				
Project Number:		☐ Routine ☒ Rush				
Project Location:	Buckeye NM	Due Date:	12-20-2024			
Sampler's Name:	Darostah Cuetto	TAT starts the day received by the lab, if received by 4:30pm				
PO #:						
SAMPLE RECEIPT		Temp Blank:	Yes No	Wet Ice:	Yes No	
Samples Received Intact:		Yes No		Thermometer ID:		
Cooler Custody Seals:		Yes No N/A		Correction Factor:		
Sample Custody Seals:		Yes No N/A		Temperature Reading:		
Total Containers:				Corrected Temperature:		
Sample Identification		Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont
SS176	✓	12-19-2024	13:07	Surf	c	1
SS138	✓	✓	13:17	s	c	1
SS420	✓	✓	13:22		c	1
Total	200.7 / 6010	200.8 / 6020:	8RCRA	13PPM Texas 11	Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn	
Circle Method(s) and Metal(s) to be analyzed		TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471				
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.						
Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	
1 Darostah Cuetto		2				
3		4				
		6				

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Source: Eurofins Carlsbad

List Number: 1

Creator: Bruns, Shannon

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Source: Eurofins Midland

List Number: 2

List Creation: 12/19/24 09:21 PM

Creator: Laing, Edmundo

Question	Answer	Comment
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time (excluding tests with immediate HTs)		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").		



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Michael Wicker
CDH Consulting
9446 Clermont St,
Thornton, Colorado 80229
Generated 12/20/2024 3:02:55 PM

JOB DESCRIPTION

CLOSE ENCOUNTER 301 H
BUCKEYE

JOB NUMBER

890-7492-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

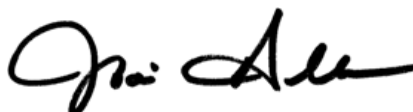
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
12/20/2024 3:02:55 PM

Authorized for release by
Jodi Allen, Project Manager I
Jodi.Allen@et.eurofinsus.com
(281)520-2865

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Laboratory Job ID: 890-7492-1
SDG: BUCKEYE

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Definitions/Glossary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1

Eurofins Carlsbad

Job Narrative
890-7492-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 12/19/2024 3:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 64 (890-7492-3), SS 80 (890-7492-4), SS 262 (890-7492-5), SS 320 (890-7492-6), SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11), SS 495 (890-7492-12), SS 129 (890-7492-13), SS 154 (890-7492-14), SS 504 (890-7492-15), SS 398 (890-7492-16), SS 183 (890-7492-17), SS 200 (890-7492-18), SS 435 (890-7492-19), SS 477 (890-7492-20), SS 176 (890-7492-21), SS 138 (890-7492-22) and SS 420 (890-7492-23).

GC VOA

Method 8021B: The following samples were diluted due to physical characteristics such as color, odor, appearance, viscosity, etc. >>: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 80 (890-7492-4), SS 262 (890-7492-5) and SS 320 (890-7492-6). Elevated reporting limits (RL) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 01 (890-7492-1), SS 20 (890-7492-2) and SS 64 (890-7492-3). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 398 (890-7492-16) and SS 200 (890-7492-18). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SS 176 (890-7492-21). Evidence of matrix interferences is not obvious.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11) and SS 495 (890-7492-12). Elevated reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 46 (890-7492-8), SS 290 (890-7492-10) and SS 495 (890-7492-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: SS 504 (890-7492-15). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-98402/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98402 and analytical batch 880-98425 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within

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Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1 (Continued)

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acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SS 262 (890-7492-5). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Due to the high concentration of Diesel Range Organics (Over C10-C28), the matrix spike (MS) for preparation batch 880-98403 and analytical batch 880-98427 could not be evaluated for accuracy. The associated matrix spike duplicate (MSD) met acceptance criteria.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SS 477 (890-7492-20), (LCS 880-98403/2-A) and (LCSD 880-98403/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The method blank for preparation batch 880-98404 and analytical batch 880-98430 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-98404/2-A) and (LCSD 880-98404/3-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-98404 and analytical batch 880-98430 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The laboratory control sample (LCS) for preparation batch 880-98403 and analytical batch 880-98427 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10. Since only an acceptable LCSD is required per the method, the LCSD shows recovery for the batch and the data has been qualified and reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98374 and analytical batch 880-98376 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01

Lab Sample ID: 890-7492-1

Date Collected: 12/19/24 08:20

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0101	U	0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Ethylbenzene	0.0947		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Toluene	0.0306		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Xylenes, Total	1.81		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
m-Xylene & p-Xylene	0.0449		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
o-Xylene	1.77		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 11:51	20
1,4-Difluorobenzene (Surr)	124		70 - 130	12/20/24 08:24	12/20/24 11:51	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.94		0.0202		mg/Kg			12/20/24 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	287		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	287		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	12/19/24 21:26	12/20/24 12:09	1
o-Terphenyl	86		70 - 130	12/19/24 21:26	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17600		199		mg/Kg			12/20/24 10:49	20

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Ethylbenzene	0.0420		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Toluene	0.0216		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Xylenes, Total	0.350		0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
m-Xylene & p-Xylene	<0.0401	U	0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
o-Xylene	0.350		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	12/20/24 08:24	12/20/24 14:15	10

Eurofins Carlsbad

Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	136	S1+	70 - 130	12/20/24 08:24	12/20/24 14:15	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.414		0.0401		mg/Kg			12/20/24 14:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	110		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	
Diesel Range Organics (Over C10-C28)	110		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				12/19/24 21:26	12/20/24 12:23	1
o-Terphenyl	77		70 - 130				12/19/24 21:26	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300	F1	49.9		mg/Kg			12/20/24 10:58	5

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Ethylbenzene	0.242		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Toluene	0.0581		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Xylenes, Total	0.781		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
m-Xylene & p-Xylene	0.189		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
o-Xylene	0.592		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20
1,4-Difluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.08		0.0795		mg/Kg			12/20/24 12:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	631		50.0		mg/Kg			12/20/24 09:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Diesel Range Organics (Over C10-C28)	631	F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 09:40	1
o-Terphenyl	78		70 - 130				12/19/24 21:28	12/20/24 09:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3110		50.2		mg/Kg			12/20/24 11:54	5

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Ethylbenzene	0.0344		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Toluene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Xylenes, Total	0.680		0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
m-Xylene & p-Xylene	<0.0399	U	0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
o-Xylene	0.680		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				12/20/24 08:24	12/20/24 14:36	10
1,4-Difluorobenzene (Surr)	106		70 - 130				12/20/24 08:24	12/20/24 14:36	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.714		0.0399		mg/Kg			12/20/24 14:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	188		50.0		mg/Kg			12/20/24 10:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Diesel Range Organics (Over C10-C28)	188		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				12/19/24 21:28	12/20/24 10:24	1
o-Terphenyl	74		70 - 130				12/19/24 21:28	12/20/24 10:24	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3070		100		mg/Kg			12/20/24 11:30	10

Client Sample ID: SS 262

Lab Sample ID: 890-7492-5

Date Collected: 12/19/24 08:59

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Ethylbenzene	0.966		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Toluene	0.415		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Xylenes, Total	1.51		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
m-Xylene & p-Xylene	0.756		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
o-Xylene	0.754		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				12/20/24 08:24	12/20/24 13:14	50
1,4-Difluorobenzene (Surr)	122		70 - 130				12/20/24 08:24	12/20/24 13:14	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.89		0.202		mg/Kg			12/20/24 13:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	463		50.0		mg/Kg			12/20/24 10:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Diesel Range Organics (Over C10-C28)	463		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				12/19/24 21:28	12/20/24 10:38	1
o-Terphenyl	69	S1-	70 - 130				12/19/24 21:28	12/20/24 10:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4470		99.4		mg/Kg			12/20/24 11:48	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 320

Lab Sample ID: 890-7492-6

Date Collected: 12/19/24 09:04

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0503	U	0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Ethylbenzene	0.537		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Toluene	0.125		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Xylenes, Total	1.20		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
m-Xylene & p-Xylene	0.454		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
o-Xylene	0.746		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	12/20/24 08:24	12/20/24 13:34	25
1,4-Difluorobenzene (Surr)	126		70 - 130	12/20/24 08:24	12/20/24 13:34	25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.86		0.101		mg/Kg			12/20/24 13:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	876		49.7		mg/Kg			12/20/24 10:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Diesel Range Organics (Over C10-C28)	876		49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130	12/19/24 21:28	12/20/24 10:53	1
o-Terphenyl	75		70 - 130	12/19/24 21:28	12/20/24 10:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3410		49.8		mg/Kg			12/20/24 11:59	5

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.199	U	0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Ethylbenzene	1.92		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Toluene	0.602		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Xylenes, Total	3.04		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
m-Xylene & p-Xylene	1.78		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
o-Xylene	1.26		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	12/20/24 08:27	12/20/24 12:24	100

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	100		70 - 130	12/20/24 08:27	12/20/24 12:24	100

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	5.56		0.398		mg/Kg			12/20/24 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2500		49.8		mg/Kg			12/20/24 11:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.7		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Diesel Range Organics (Over C10-C28)	2410		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:08	1
o-Terphenyl	95		70 - 130				12/19/24 21:28	12/20/24 11:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3680		49.6		mg/Kg			12/20/24 12:06	5

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.11		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Ethylbenzene	9.28		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Toluene	7.96		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Xylenes, Total	10.9		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
m-Xylene & p-Xylene	6.88		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
o-Xylene	4.05		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130	12/20/24 08:27	12/20/24 12:45	50
1,4-Difluorobenzene (Surr)	94		70 - 130	12/20/24 08:27	12/20/24 12:45	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	29.3		0.200		mg/Kg			12/20/24 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1330		49.9		mg/Kg			12/20/24 11:25	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	95.0		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Diesel Range Organics (Over C10-C28)	1230		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:25	1
o-Terphenyl	81		70 - 130				12/19/24 21:28	12/20/24 11:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5420		101		mg/Kg			12/20/24 12:11	10

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Ethylbenzene	1.52		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Toluene	0.807		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Xylenes, Total	4.70		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
m-Xylene & p-Xylene	3.88		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
o-Xylene	0.815		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				12/20/24 08:27	12/20/24 13:05	50
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:27	12/20/24 13:05	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	7.02		0.202		mg/Kg			12/20/24 13:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	60.0		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Diesel Range Organics (Over C10-C28)	1450		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:40	1
o-Terphenyl	86		70 - 130				12/19/24 21:28	12/20/24 11:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5250		99.4		mg/Kg			12/20/24 12:17	10

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.151		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Ethylbenzene	3.30		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Toluene	1.75		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Xylenes, Total	4.33		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
m-Xylene & p-Xylene	2.60		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
o-Xylene	1.73		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:27	12/20/24 13:25	50
1,4-Difluorobenzene (Surr)	100		70 - 130				12/20/24 08:27	12/20/24 13:25	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	9.53		0.201		mg/Kg			12/20/24 13:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2470		49.8		mg/Kg			12/20/24 11:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	129		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Diesel Range Organics (Over C10-C28)	2340		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				12/19/24 21:28	12/20/24 11:54	1
o-Terphenyl	105		70 - 130				12/19/24 21:28	12/20/24 11:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5400		99.8		mg/Kg			12/20/24 12:23	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.106		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Ethylbenzene	3.81		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Toluene	1.12		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Xylenes, Total	5.28		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
m-Xylene & p-Xylene	3.48		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
o-Xylene	1.80		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	12/20/24 08:27	12/20/24 13:46	50
1,4-Difluorobenzene (Surr)	99		70 - 130	12/20/24 08:27	12/20/24 13:46	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	10.3		0.200		mg/Kg			12/20/24 13:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3950		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	154		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	3800		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	12/19/24 21:28	12/20/24 12:09	1
o-Terphenyl	121		70 - 130	12/19/24 21:28	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4280		49.9		mg/Kg			12/20/24 12:29	5

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0994	U	0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Ethylbenzene	5.40		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Toluene	1.34		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Xylenes, Total	7.57		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
m-Xylene & p-Xylene	4.90		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
o-Xylene	2.67		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130	12/20/24 08:27	12/20/24 14:06	50

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	12/20/24 08:27	12/20/24 14:06	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	14.3		0.199		mg/Kg			12/20/24 14:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3070		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	177		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	
Diesel Range Organics (Over C10-C28)	2890		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:28	12/20/24 12:23	1
o-Terphenyl	108		70 - 130				12/19/24 21:28	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3660		49.6		mg/Kg			12/20/24 08:36	5

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Ethylbenzene	0.0238		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Toluene	0.00837		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Xylenes, Total	0.0306		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
m-Xylene & p-Xylene	0.0204		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
o-Xylene	0.0102		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	12/20/24 08:33	12/20/24 11:49	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/20/24 08:33	12/20/24 11:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0628		0.00404		mg/Kg			12/20/24 11:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	538		49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Diesel Range Organics (Over C10-C28)	538	F1	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 11:11	1
o-Terphenyl	79		70 - 130				12/19/24 21:30	12/20/24 11:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3350		50.0		mg/Kg			12/20/24 08:43	5

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Ethylbenzene	0.0475		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Toluene	0.0124		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Xylenes, Total	0.0632		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
m-Xylene & p-Xylene	0.0373		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
o-Xylene	0.0259		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				12/20/24 08:33	12/20/24 12:10	1
1,4-Difluorobenzene (Surr)	93		70 - 130				12/20/24 08:33	12/20/24 12:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.123		0.00401		mg/Kg			12/20/24 12:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2710		49.8		mg/Kg			12/20/24 12:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Diesel Range Organics (Over C10-C28)	2710		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 12:00	1
o-Terphenyl	120		70 - 130				12/19/24 21:30	12/20/24 12:00	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1710		50.3		mg/Kg			12/20/24 08:50	5

Client Sample ID: SS 504

Lab Sample ID: 890-7492-15

Date Collected: 12/19/24 11:40

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Ethylbenzene	0.563		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Toluene	0.173		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Xylenes, Total	0.464		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
m-Xylene & p-Xylene	0.290		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
o-Xylene	0.174		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				12/20/24 08:33	12/20/24 13:32	10
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:33	12/20/24 13:32	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.20		0.0398		mg/Kg			12/20/24 13:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 12:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Diesel Range Organics (Over C10-C28)	1510		50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				12/19/24 21:30	12/20/24 12:15	1
o-Terphenyl	97		70 - 130				12/19/24 21:30	12/20/24 12:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2990		50.0		mg/Kg			12/20/24 09:12	5

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 398

Lab Sample ID: 890-7492-16

Date Collected: 12/19/24 11:27

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0262		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Ethylbenzene	0.199		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Toluene	0.168		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Xylenes, Total	0.269		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
m-Xylene & p-Xylene	0.158		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
o-Xylene	0.111		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	12/20/24 08:33	12/20/24 12:30	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:33	12/20/24 12:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.662		0.00399		mg/Kg			12/20/24 12:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3130		49.9		mg/Kg			12/20/24 12:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.1	*+	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Diesel Range Organics (Over C10-C28)	3040		49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	12/19/24 21:30	12/20/24 12:31	1
o-Terphenyl	120		70 - 130	12/19/24 21:30	12/20/24 12:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2960		50.1		mg/Kg			12/20/24 09:19	5

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Ethylbenzene	0.0487		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Toluene	0.00442		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Xylenes, Total	0.0402		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
m-Xylene & p-Xylene	0.0276		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
o-Xylene	0.0126		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	12/20/24 08:33	12/20/24 12:51	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	75		70 - 130	12/20/24 08:33	12/20/24 12:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0933		0.00404		mg/Kg			12/20/24 12:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	311		49.8		mg/Kg			12/20/24 12:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	
Diesel Range Organics (Over C10-C28)	311		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				12/19/24 21:30	12/20/24 12:47	1
o-Terphenyl	77		70 - 130				12/19/24 21:30	12/20/24 12:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.8		9.96		mg/Kg			12/20/24 09:26	1

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Ethylbenzene	0.191		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Toluene	0.110		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Xylenes, Total	0.265		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
m-Xylene & p-Xylene	0.156		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
o-Xylene	0.109		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130	12/20/24 08:33	12/20/24 13:11	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 13:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.566		0.00402		mg/Kg			12/20/24 13:11	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2050		49.9		mg/Kg			12/20/24 13:03	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Diesel Range Organics (Over C10-C28)	2050		49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				12/19/24 21:30	12/20/24 13:03	1
o-Terphenyl	106		70 - 130				12/19/24 21:30	12/20/24 13:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	930		10.0		mg/Kg			12/20/24 09:33	1

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Ethylbenzene	0.00665		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Toluene	0.00205		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Xylenes, Total	0.0105		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
m-Xylene & p-Xylene	0.00628		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
o-Xylene	0.00418		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				12/20/24 08:30	12/20/24 12:07	1
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 12:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0192		0.00404		mg/Kg			12/20/24 12:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	601		49.7		mg/Kg			12/20/24 13:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U **	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Diesel Range Organics (Over C10-C28)	601		49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				12/19/24 21:30	12/20/24 13:20	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 13:20	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3030		49.7		mg/Kg			12/20/24 09:40	5

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Xylenes, Total	0.133		0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
o-Xylene	0.133		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				12/20/24 08:30	12/20/24 12:27	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/20/24 08:30	12/20/24 12:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.133		0.00401		mg/Kg			12/20/24 12:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/20/24 13:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 13:36	1
o-Terphenyl	66	S1-	70 - 130				12/19/24 21:30	12/20/24 13:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		10.0		mg/Kg			12/20/24 09:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Ethylbenzene	0.950		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Toluene	0.199		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Xylenes, Total	1.58		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
m-Xylene & p-Xylene	0.943		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
o-Xylene	0.636		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	193	S1+	70 - 130	12/20/24 08:30	12/20/24 13:28	10
1,4-Difluorobenzene (Surr)	104		70 - 130	12/20/24 08:30	12/20/24 13:28	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.73		0.0398		mg/Kg			12/20/24 13:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2110		49.8		mg/Kg			12/20/24 13:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Diesel Range Organics (Over C10-C28)	2110		49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	12/19/24 21:30	12/20/24 13:52	1
o-Terphenyl	112		70 - 130	12/19/24 21:30	12/20/24 13:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	812		9.98		mg/Kg			12/20/24 10:09	1

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Ethylbenzene	0.0120		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Toluene	0.00377		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Xylenes, Total	0.0233		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
m-Xylene & p-Xylene	0.0102		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
o-Xylene	0.0131		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	12/20/24 08:30	12/20/24 12:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130	12/20/24 08:30	12/20/24 12:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0391		0.00399		mg/Kg			12/20/24 12:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	573		49.8		mg/Kg			12/20/24 14:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	
Diesel Range Organics (Over C10-C28)	573		49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 14:07	1
o-Terphenyl	78		70 - 130				12/19/24 21:30	12/20/24 14:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2650		50.1		mg/Kg			12/20/24 10:16	5

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Xylenes, Total	0.0889		0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
o-Xylene	0.0889		0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	12/20/24 08:30	12/20/24 13:08	1
1,4-Difluorobenzene (Surr)	91		70 - 130	12/20/24 08:30	12/20/24 13:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0889		0.00404		mg/Kg			12/20/24 13:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 420
Date Collected: 12/19/24 12:22
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-23
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	104		70 - 130				12/19/24 21:32	12/20/24 11:11	1	
o-Terphenyl	109		70 - 130				12/19/24 21:32	12/20/24 11:11	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	162		9.94		mg/Kg			12/20/24 10:38	1	

Surrogate Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-7492-1	SS 01	131 S1+	124
890-7492-2	SS 20	128	136 S1+
890-7492-3	SS 64	137 S1+	131 S1+
890-7492-4	SS 80	144 S1+	106
890-7492-5	SS 262	125	122
890-7492-6	SS 320	126	126
890-7492-7	SS 488	106	100
890-7492-8	SS 46	171 S1+	94
890-7492-9	SS 107	107	101
890-7492-10	SS 290	131 S1+	100
890-7492-11	SS 339	122	99
890-7492-12	SS 495	139 S1+	104
890-7492-13	SS 129	109	95
890-7492-14	SS 154	99	93
890-7492-15	SS 504	110	94
890-7492-16	SS 398	141 S1+	96
890-7492-17	SS 183	88	75
890-7492-18	SS 200	159 S1+	93
890-7492-19	SS 435	113	104
890-7492-20	SS 477	98	95
890-7492-21	SS 176	193 S1+	104
890-7492-22	SS 138	115	103
890-7492-23	SS 420	95	91
LCS 880-98432/1-A	Lab Control Sample	101	96
LCS 880-98433/1-A	Lab Control Sample	96	103
LCS 880-98434/1-A	Lab Control Sample	107	104
LCS 880-98435/1-A	Lab Control Sample	106	99
LCSD 880-98432/2-A	Lab Control Sample Dup	103	99
LCSD 880-98433/2-A	Lab Control Sample Dup	94	103
LCSD 880-98434/2-A	Lab Control Sample Dup	109	103
LCSD 880-98435/2-A	Lab Control Sample Dup	108	98
MB 880-98432/5-A	Method Blank	112	85
MB 880-98433/5-A	Method Blank	98	96
MB 880-98434/5-A	Method Blank	111	101
MB 880-98435/5-A	Method Blank	92	93
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-1	SS 01	83	86
890-7492-2	SS 20	76	77
890-7492-3	SS 64	75	78
890-7492-3 MS	SS 64	78	76

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Surrogate Summary

Client: CDH Consulting

Job ID: 890-7492-1

Project/Site: CLOSE ENCOUNTER 301 H

SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-3 MSD	SS 64	77	76
890-7492-4	SS 80	73	74
890-7492-5	SS 262	70	69 S1-
890-7492-6	SS 320	74	75
890-7492-7	SS 488	75	95
890-7492-8	SS 46	75	81
890-7492-9	SS 107	75	86
890-7492-10	SS 290	85	105
890-7492-11	SS 339	84	121
890-7492-12	SS 495	88	108
890-7492-13	SS 129	84	79
890-7492-13 MS	SS 129	80	81
890-7492-13 MSD	SS 129	79	81
890-7492-14	SS 154	84	120
890-7492-15	SS 504	92	97
890-7492-16	SS 398	85	120
890-7492-17	SS 183	87	77
890-7492-18	SS 200	82	106
890-7492-19	SS 435	77	74
890-7492-20	SS 477	81	66 S1-
890-7492-21	SS 176	88	112
890-7492-22	SS 138	81	78
890-7492-23	SS 420	104	109
890-7492-23 MS	SS 420	92	99
890-7492-23 MSD	SS 420	92	99
LCS 880-98401/2-A	Lab Control Sample	118	102
LCS 880-98402/2-A	Lab Control Sample	121	104
LCS 880-98403/2-A	Lab Control Sample	136 S1+	123
LCS 880-98404/2-A	Lab Control Sample	158 S1+	172 S1+
LCSD 880-98401/3-A	Lab Control Sample Dup	110	95
LCSD 880-98402/3-A	Lab Control Sample Dup	145 S1+	123
LCSD 880-98403/3-A	Lab Control Sample Dup	133 S1+	120
LCSD 880-98404/3-A	Lab Control Sample Dup	166 S1+	175 S1+
MB 880-98401/1-A	Method Blank	81	80
MB 880-98402/1-A	Method Blank	75	75
MB 880-98403/1-A	Method Blank	91	74
MB 880-98404/1-A	Method Blank	93	96
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-98432/5-A							Client Sample ID: Method Blank		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 98350							Prep Batch: 98432		
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				12/20/24 08:24	12/20/24 11:08	1
1,4-Difluorobenzene (Surr)	85		70 - 130				12/20/24 08:24	12/20/24 11:08	1

Lab Sample ID: LCS 880-98432/1-A							Client Sample ID: Lab Control Sample		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 98350							Prep Batch: 98432		
Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Benzene		0.100	0.1137		mg/Kg		114	70 - 130	
Ethylbenzene		0.100	0.1107		mg/Kg		111	70 - 130	
Toluene		0.100	0.1082		mg/Kg		108	70 - 130	
m-Xylene & p-Xylene		0.200	0.2221		mg/Kg		111	70 - 130	
o-Xylene		0.100	0.1128		mg/Kg		113	70 - 130	
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	101		70 - 130						
1,4-Difluorobenzene (Surr)	96		70 - 130						

Lab Sample ID: LCSD 880-98432/2-A							Client Sample ID: Lab Control Sample Dup			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 98350							Prep Batch: 98432			
Analyte		Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene		0.100	0.1182		mg/Kg		118	70 - 130	4	35
Ethylbenzene		0.100	0.1145		mg/Kg		114	70 - 130	3	35
Toluene		0.100	0.1119		mg/Kg		112	70 - 130	3	35
m-Xylene & p-Xylene		0.200	0.2282		mg/Kg		114	70 - 130	3	35
o-Xylene		0.100	0.1165		mg/Kg		117	70 - 130	3	35
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits							
4-Bromofluorobenzene (Surr)	103		70 - 130							
1,4-Difluorobenzene (Surr)	99		70 - 130							

Lab Sample ID: MB 880-98433/5-A							Client Sample ID: Method Blank		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 98351							Prep Batch: 98433		
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	12/20/24 08:27	12/20/24 11:02	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:27	12/20/24 11:02	1

Lab Sample ID: LCS 880-98433/1-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1001		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09410		mg/Kg		94	70 - 130
Toluene	0.100	0.09371		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1885		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09536		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-98433/2-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1048		mg/Kg		105	70 - 130	5	35
Ethylbenzene	0.100	0.09886		mg/Kg		99	70 - 130	5	35
Toluene	0.100	0.09817		mg/Kg		98	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1969		mg/Kg		98	70 - 130	4	35
o-Xylene	0.100	0.09974		mg/Kg		100	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	111		70 - 130				12/20/24 08:30	12/20/24 11:25	1
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:30	12/20/24 11:25	1

Lab Sample ID: LCS 880-98434/1-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits		
		Result	Qualifier						
Benzene	0.100	0.1149		mg/Kg		115	70 - 130		
Ethylbenzene	0.100	0.1100		mg/Kg		110	70 - 130		
Toluene	0.100	0.1116		mg/Kg		112	70 - 130		
m-Xylene & p-Xylene	0.200	0.2234		mg/Kg		112	70 - 130		
o-Xylene	0.100	0.1142		mg/Kg		114	70 - 130		
Surrogate	LCS	LCS	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	107		70 - 130						
1,4-Difluorobenzene (Surr)	104		70 - 130						

Lab Sample ID: LCSD 880-98434/2-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.1162		mg/Kg		116	70 - 130	1	35
Ethylbenzene	0.100	0.1102		mg/Kg		110	70 - 130	0	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2247		mg/Kg		112	70 - 130	1	35
o-Xylene	0.100	0.1148		mg/Kg		115	70 - 130	1	35
Surrogate	LCSD	LCSD	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	109		70 - 130						
1,4-Difluorobenzene (Surr)	103		70 - 130						

Lab Sample ID: MB 880-98435/5-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98435

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac		
4-Bromofluorobenzene (Surr)	92		70 - 130	12/20/24 08:33	12/20/24 11:07	1			
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 11:07	1			

Lab Sample ID: LCS 880-98435/1-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	0.100	0.1025		mg/Kg		103	70 - 130		
Ethylbenzene	0.100	0.1037		mg/Kg		104	70 - 130		
Toluene	0.100	0.1077		mg/Kg		108	70 - 130		
m-Xylene & p-Xylene	0.200	0.2015		mg/Kg		101	70 - 130		
o-Xylene	0.100	0.1117		mg/Kg		112	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-98435/2-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1068		mg/Kg		107	70 - 130	4	35
Ethylbenzene	0.100	0.1065		mg/Kg		107	70 - 130	3	35
Toluene	0.100	0.1103		mg/Kg		110	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2041		mg/Kg		102	70 - 130	1	35
o-Xylene	0.100	0.1136		mg/Kg		114	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-98401/1-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98401

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil	Fac
1-Chlorooctane	81		70 - 130	12/19/24 21:26	12/20/24 00:11	1	
o-Terphenyl	80		70 - 130	12/19/24 21:26	12/20/24 00:11	1	

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98401/2-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98401

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1058		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	960.9		mg/Kg		96	70 - 130
Surrogate							
		LCS %Recovery	LCS Qualifier				Limits
1-Chlorooctane		118					70 - 130
o-Terphenyl		102					70 - 130

Lab Sample ID: LCSD 880-98401/3-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98401

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1005		mg/Kg		101	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	903.5		mg/Kg		90	70 - 130	6	20
Surrogate									
		LCSD %Recovery	LCSD Qualifier						
1-Chlorooctane		110							
o-Terphenyl		95							

Lab Sample ID: MB 880-98402/1-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 98402

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Surrogate									
		MB %Recovery	MB Qualifier						
1-Chlorooctane		75					12/19/24 21:28	12/20/24 00:11	1
o-Terphenyl		75					12/19/24 21:28	12/20/24 00:11	1

Lab Sample ID: LCS 880-98402/2-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1061		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1028		mg/Kg		103	70 - 130

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98402/2-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98402

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: LCSD 880-98402/3-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1288		mg/Kg		129	70 - 130	19	20
Diesel Range Organics (Over C10-C28)	1000	1231		mg/Kg		123	70 - 130	18	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	145	S1+	70 - 130
o-Terphenyl	123		70 - 130

Lab Sample ID: 890-7492-3 MS

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: SS 64

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	665.3	F1	mg/Kg		67	70 - 130
Diesel Range Organics (Over C10-C28)	631	F1	998	1155	F1	mg/Kg		53	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	78		70 - 130
o-Terphenyl	76		70 - 130

Lab Sample ID: 890-7492-3 MSD

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: SS 64

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	660.4	F1	mg/Kg		66	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	631	F1	998	1141	F1	mg/Kg		51	70 - 130	1	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	77		70 - 130
o-Terphenyl	76		70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-98403/1-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98403

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				12/19/24 21:30	12/20/24 09:12	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 09:12	1

Lab Sample ID: LCS 880-98403/2-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1333	*+	mg/Kg		133	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1178		mg/Kg		118	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	136	S1+	70 - 130				
o-Terphenyl	123		70 - 130				

Lab Sample ID: LCSD 880-98403/3-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1180		mg/Kg		118	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	1000	1166		mg/Kg		117	70 - 130	1	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	133	S1+	70 - 130						
o-Terphenyl	120		70 - 130						

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	997	729.6		mg/Kg		73	70 - 130
Diesel Range Organics (Over C10-C28)	538	F1	997	1207	F1	mg/Kg		67	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	80		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: 890-7492-13 MSD

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	997	855.4		mg/Kg		86	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	538	F1	997	1282		mg/Kg		75	70 - 130	6	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	79		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: MB 880-98404/1-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98404

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	93		70 - 130	12/19/24 21:32	12/20/24 09:12	1			
o-Terphenyl	96		70 - 130	12/19/24 21:32	12/20/24 09:12	1			

Lab Sample ID: LCS 880-98404/2-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1398	*+	mg/Kg		140	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1468	*+	mg/Kg		147	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	158	S1+	70 - 130
o-Terphenyl	172	S1+	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-98404/3-A
Matrix: Solid
Analysis Batch: 98430

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98404

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1465	*+	mg/Kg		147	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	1590	*+	mg/Kg		159	70 - 130	8	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	166	S1+	70 - 130						
o-Terphenyl	175	S1+	70 - 130						

Lab Sample ID: 890-7492-23 MS
Matrix: Solid
Analysis Batch: 98430

Client Sample ID: SS 420
Prep Type: Total/NA
Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	781.1		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	867.3		mg/Kg		84	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Lab Sample ID: 890-7492-23 MSD
Matrix: Solid
Analysis Batch: 98430

Client Sample ID: SS 420
Prep Type: Total/NA
Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	804.1		mg/Kg		80	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	863.1		mg/Kg		84	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-98374/1-A
Matrix: Solid
Analysis Batch: 98376

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 08:34	1

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-98374/2-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.6		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-98374/3-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	245.0		mg/Kg		98	90 - 110	2	20

Lab Sample ID: 890-7492-2 MS

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1300	F1	1250	3073	F1	mg/Kg		142	90 - 110

Lab Sample ID: 890-7492-2 MSD

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1300	F1	1250	3070	F1	mg/Kg		142	90 - 110	0	20

Lab Sample ID: MB 880-98373/1-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 03:00	1

Lab Sample ID: LCS 880-98373/2-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	258.6		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-98373/3-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	257.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-7492-20 MS

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: SS 477

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	126		257	387.5		mg/Kg		102	90 - 110

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-7492-20 MSD							Client Sample ID: SS 477					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 98377												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	126		248	372.8		mg/Kg		100	90 - 110	4	20	

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA

Analysis Batch: 98350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-2	SS 20	Total/NA	Solid	8021B	98432
890-7492-3	SS 64	Total/NA	Solid	8021B	98432
890-7492-4	SS 80	Total/NA	Solid	8021B	98432
890-7492-5	SS 262	Total/NA	Solid	8021B	98432
890-7492-6	SS 320	Total/NA	Solid	8021B	98432
MB 880-98432/5-A	Method Blank	Total/NA	Solid	8021B	98432
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	8021B	98432
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98432

Analysis Batch: 98351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	8021B	98433
890-7492-8	SS 46	Total/NA	Solid	8021B	98433
890-7492-9	SS 107	Total/NA	Solid	8021B	98433
890-7492-10	SS 290	Total/NA	Solid	8021B	98433
890-7492-11	SS 339	Total/NA	Solid	8021B	98433
890-7492-12	SS 495	Total/NA	Solid	8021B	98433
MB 880-98433/5-A	Method Blank	Total/NA	Solid	8021B	98433
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	8021B	98433
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98433

Analysis Batch: 98352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	8021B	98434
890-7492-20	SS 477	Total/NA	Solid	8021B	98434
890-7492-21	SS 176	Total/NA	Solid	8021B	98434
890-7492-22	SS 138	Total/NA	Solid	8021B	98434
890-7492-23	SS 420	Total/NA	Solid	8021B	98434
MB 880-98434/5-A	Method Blank	Total/NA	Solid	8021B	98434
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	8021B	98434
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98434

Analysis Batch: 98353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8021B	98435
890-7492-14	SS 154	Total/NA	Solid	8021B	98435
890-7492-15	SS 504	Total/NA	Solid	8021B	98435
890-7492-16	SS 398	Total/NA	Solid	8021B	98435
890-7492-17	SS 183	Total/NA	Solid	8021B	98435
890-7492-18	SS 200	Total/NA	Solid	8021B	98435
MB 880-98435/5-A	Method Blank	Total/NA	Solid	8021B	98435
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	8021B	98435
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98435

Prep Batch: 98432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	5035	
890-7492-2	SS 20	Total/NA	Solid	5035	
890-7492-3	SS 64	Total/NA	Solid	5035	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Prep Batch: 98432 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-4	SS 80	Total/NA	Solid	5035	
890-7492-5	SS 262	Total/NA	Solid	5035	
890-7492-6	SS 320	Total/NA	Solid	5035	
MB 880-98432/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	5035	
890-7492-8	SS 46	Total/NA	Solid	5035	
890-7492-9	SS 107	Total/NA	Solid	5035	
890-7492-10	SS 290	Total/NA	Solid	5035	
890-7492-11	SS 339	Total/NA	Solid	5035	
890-7492-12	SS 495	Total/NA	Solid	5035	
MB 880-98433/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	5035	
890-7492-20	SS 477	Total/NA	Solid	5035	
890-7492-21	SS 176	Total/NA	Solid	5035	
890-7492-22	SS 138	Total/NA	Solid	5035	
890-7492-23	SS 420	Total/NA	Solid	5035	
MB 880-98434/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	5035	
890-7492-14	SS 154	Total/NA	Solid	5035	
890-7492-15	SS 504	Total/NA	Solid	5035	
890-7492-16	SS 398	Total/NA	Solid	5035	
890-7492-17	SS 183	Total/NA	Solid	5035	
890-7492-18	SS 200	Total/NA	Solid	5035	
MB 880-98435/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 98498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	Total BTEX	
890-7492-2	SS 20	Total/NA	Solid	Total BTEX	
890-7492-3	SS 64	Total/NA	Solid	Total BTEX	
890-7492-4	SS 80	Total/NA	Solid	Total BTEX	
890-7492-5	SS 262	Total/NA	Solid	Total BTEX	
890-7492-6	SS 320	Total/NA	Solid	Total BTEX	
890-7492-7	SS 488	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Analysis Batch: 98498 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-8	SS 46	Total/NA	Solid	Total BTEX	
890-7492-9	SS 107	Total/NA	Solid	Total BTEX	
890-7492-10	SS 290	Total/NA	Solid	Total BTEX	
890-7492-11	SS 339	Total/NA	Solid	Total BTEX	
890-7492-12	SS 495	Total/NA	Solid	Total BTEX	
890-7492-13	SS 129	Total/NA	Solid	Total BTEX	
890-7492-14	SS 154	Total/NA	Solid	Total BTEX	
890-7492-15	SS 504	Total/NA	Solid	Total BTEX	
890-7492-16	SS 398	Total/NA	Solid	Total BTEX	
890-7492-17	SS 183	Total/NA	Solid	Total BTEX	
890-7492-18	SS 200	Total/NA	Solid	Total BTEX	
890-7492-19	SS 435	Total/NA	Solid	Total BTEX	
890-7492-20	SS 477	Total/NA	Solid	Total BTEX	
890-7492-21	SS 176	Total/NA	Solid	Total BTEX	
890-7492-22	SS 138	Total/NA	Solid	Total BTEX	
890-7492-23	SS 420	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 98401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015NM Prep	
890-7492-2	SS 20	Total/NA	Solid	8015NM Prep	
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 98402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-4	SS 80	Total/NA	Solid	8015NM Prep	
890-7492-5	SS 262	Total/NA	Solid	8015NM Prep	
890-7492-6	SS 320	Total/NA	Solid	8015NM Prep	
890-7492-7	SS 488	Total/NA	Solid	8015NM Prep	
890-7492-8	SS 46	Total/NA	Solid	8015NM Prep	
890-7492-9	SS 107	Total/NA	Solid	8015NM Prep	
890-7492-10	SS 290	Total/NA	Solid	8015NM Prep	
890-7492-11	SS 339	Total/NA	Solid	8015NM Prep	
890-7492-12	SS 495	Total/NA	Solid	8015NM Prep	
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-3 MS	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-3 MSD	SS 64	Total/NA	Solid	8015NM Prep	

Prep Batch: 98403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-14	SS 154	Total/NA	Solid	8015NM Prep	
890-7492-15	SS 504	Total/NA	Solid	8015NM Prep	
890-7492-16	SS 398	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Prep Batch: 98403 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-17	SS 183	Total/NA	Solid	8015NM Prep	
890-7492-18	SS 200	Total/NA	Solid	8015NM Prep	
890-7492-19	SS 435	Total/NA	Solid	8015NM Prep	
890-7492-20	SS 477	Total/NA	Solid	8015NM Prep	
890-7492-21	SS 176	Total/NA	Solid	8015NM Prep	
890-7492-22	SS 138	Total/NA	Solid	8015NM Prep	
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-13 MS	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-13 MSD	SS 129	Total/NA	Solid	8015NM Prep	

Prep Batch: 98404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015NM Prep	
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-23 MS	SS 420	Total/NA	Solid	8015NM Prep	
890-7492-23 MSD	SS 420	Total/NA	Solid	8015NM Prep	

Analysis Batch: 98423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015B NM	98401
890-7492-2	SS 20	Total/NA	Solid	8015B NM	98401
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015B NM	98401
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98401
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98401

Analysis Batch: 98425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-4	SS 80	Total/NA	Solid	8015B NM	98402
890-7492-5	SS 262	Total/NA	Solid	8015B NM	98402
890-7492-6	SS 320	Total/NA	Solid	8015B NM	98402
890-7492-7	SS 488	Total/NA	Solid	8015B NM	98402
890-7492-8	SS 46	Total/NA	Solid	8015B NM	98402
890-7492-9	SS 107	Total/NA	Solid	8015B NM	98402
890-7492-10	SS 290	Total/NA	Solid	8015B NM	98402
890-7492-11	SS 339	Total/NA	Solid	8015B NM	98402
890-7492-12	SS 495	Total/NA	Solid	8015B NM	98402
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015B NM	98402
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98402
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98402
890-7492-3 MS	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-3 MSD	SS 64	Total/NA	Solid	8015B NM	98402

Analysis Batch: 98427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-14	SS 154	Total/NA	Solid	8015B NM	98403

Eurofins Carlsbad

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Analysis Batch: 98427 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-15	SS 504	Total/NA	Solid	8015B NM	98403
890-7492-16	SS 398	Total/NA	Solid	8015B NM	98403
890-7492-17	SS 183	Total/NA	Solid	8015B NM	98403
890-7492-18	SS 200	Total/NA	Solid	8015B NM	98403
890-7492-19	SS 435	Total/NA	Solid	8015B NM	98403
890-7492-20	SS 477	Total/NA	Solid	8015B NM	98403
890-7492-21	SS 176	Total/NA	Solid	8015B NM	98403
890-7492-22	SS 138	Total/NA	Solid	8015B NM	98403
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015B NM	98403
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98403
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98403
890-7492-13 MS	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-13 MSD	SS 129	Total/NA	Solid	8015B NM	98403

Analysis Batch: 98430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015B NM	98404
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015B NM	98404
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98404
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98404
890-7492-23 MS	SS 420	Total/NA	Solid	8015B NM	98404
890-7492-23 MSD	SS 420	Total/NA	Solid	8015B NM	98404

Analysis Batch: 98523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015 NM	
890-7492-2	SS 20	Total/NA	Solid	8015 NM	
890-7492-3	SS 64	Total/NA	Solid	8015 NM	
890-7492-4	SS 80	Total/NA	Solid	8015 NM	
890-7492-5	SS 262	Total/NA	Solid	8015 NM	
890-7492-6	SS 320	Total/NA	Solid	8015 NM	
890-7492-7	SS 488	Total/NA	Solid	8015 NM	
890-7492-8	SS 46	Total/NA	Solid	8015 NM	
890-7492-9	SS 107	Total/NA	Solid	8015 NM	
890-7492-10	SS 290	Total/NA	Solid	8015 NM	
890-7492-11	SS 339	Total/NA	Solid	8015 NM	
890-7492-12	SS 495	Total/NA	Solid	8015 NM	
890-7492-13	SS 129	Total/NA	Solid	8015 NM	
890-7492-14	SS 154	Total/NA	Solid	8015 NM	
890-7492-15	SS 504	Total/NA	Solid	8015 NM	
890-7492-16	SS 398	Total/NA	Solid	8015 NM	
890-7492-17	SS 183	Total/NA	Solid	8015 NM	
890-7492-18	SS 200	Total/NA	Solid	8015 NM	
890-7492-19	SS 435	Total/NA	Solid	8015 NM	
890-7492-20	SS 477	Total/NA	Solid	8015 NM	
890-7492-21	SS 176	Total/NA	Solid	8015 NM	
890-7492-22	SS 138	Total/NA	Solid	8015 NM	
890-7492-23	SS 420	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC

Leach Batch: 98373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	DI Leach	
890-7492-13	SS 129	Soluble	Solid	DI Leach	
890-7492-14	SS 154	Soluble	Solid	DI Leach	
890-7492-15	SS 504	Soluble	Solid	DI Leach	
890-7492-16	SS 398	Soluble	Solid	DI Leach	
890-7492-17	SS 183	Soluble	Solid	DI Leach	
890-7492-18	SS 200	Soluble	Solid	DI Leach	
890-7492-19	SS 435	Soluble	Solid	DI Leach	
890-7492-20	SS 477	Soluble	Solid	DI Leach	
890-7492-21	SS 176	Soluble	Solid	DI Leach	
890-7492-22	SS 138	Soluble	Solid	DI Leach	
890-7492-23	SS 420	Soluble	Solid	DI Leach	
MB 880-98373/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-20 MS	SS 477	Soluble	Solid	DI Leach	
890-7492-20 MSD	SS 477	Soluble	Solid	DI Leach	

Leach Batch: 98374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	DI Leach	
890-7492-2	SS 20	Soluble	Solid	DI Leach	
890-7492-3	SS 64	Soluble	Solid	DI Leach	
890-7492-4	SS 80	Soluble	Solid	DI Leach	
890-7492-5	SS 262	Soluble	Solid	DI Leach	
890-7492-6	SS 320	Soluble	Solid	DI Leach	
890-7492-7	SS 488	Soluble	Solid	DI Leach	
890-7492-8	SS 46	Soluble	Solid	DI Leach	
890-7492-9	SS 107	Soluble	Solid	DI Leach	
890-7492-10	SS 290	Soluble	Solid	DI Leach	
890-7492-11	SS 339	Soluble	Solid	DI Leach	
MB 880-98374/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-2 MS	SS 20	Soluble	Solid	DI Leach	
890-7492-2 MSD	SS 20	Soluble	Solid	DI Leach	

Analysis Batch: 98376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	300.0	98374
890-7492-2	SS 20	Soluble	Solid	300.0	98374
890-7492-3	SS 64	Soluble	Solid	300.0	98374
890-7492-4	SS 80	Soluble	Solid	300.0	98374
890-7492-5	SS 262	Soluble	Solid	300.0	98374
890-7492-6	SS 320	Soluble	Solid	300.0	98374
890-7492-7	SS 488	Soluble	Solid	300.0	98374
890-7492-8	SS 46	Soluble	Solid	300.0	98374
890-7492-9	SS 107	Soluble	Solid	300.0	98374
890-7492-10	SS 290	Soluble	Solid	300.0	98374
890-7492-11	SS 339	Soluble	Solid	300.0	98374
MB 880-98374/1-A	Method Blank	Soluble	Solid	300.0	98374

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC (Continued)

Analysis Batch: 98376 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	300.0	98374
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98374
890-7492-2 MS	SS 20	Soluble	Solid	300.0	98374
890-7492-2 MSD	SS 20	Soluble	Solid	300.0	98374

Analysis Batch: 98377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	300.0	98373
890-7492-13	SS 129	Soluble	Solid	300.0	98373
890-7492-14	SS 154	Soluble	Solid	300.0	98373
890-7492-15	SS 504	Soluble	Solid	300.0	98373
890-7492-16	SS 398	Soluble	Solid	300.0	98373
890-7492-17	SS 183	Soluble	Solid	300.0	98373
890-7492-18	SS 200	Soluble	Solid	300.0	98373
890-7492-19	SS 435	Soluble	Solid	300.0	98373
890-7492-20	SS 477	Soluble	Solid	300.0	98373
890-7492-21	SS 176	Soluble	Solid	300.0	98373
890-7492-22	SS 138	Soluble	Solid	300.0	98373
890-7492-23	SS 420	Soluble	Solid	300.0	98373
MB 880-98373/1-A	Method Blank	Soluble	Solid	300.0	98373
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	300.0	98373
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98373
890-7492-20 MS	SS 477	Soluble	Solid	300.0	98373
890-7492-20 MSD	SS 477	Soluble	Solid	300.0	98373

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01
Date Collected: 12/19/24 08:20
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 11:51
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		5	98350	MNR	EET MID	12/20/24 13:55
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:55
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		20	98376	CH	EET MID	12/20/24 10:49

Client Sample ID: SS 20
Date Collected: 12/19/24 08:36
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:15
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:15
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 10:58

Client Sample ID: SS 64
Date Collected: 12/19/24 08:47
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 12:33
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:33
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 09:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 09:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:54

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80
Date Collected: 12/19/24 08:53
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:36
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:36
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:24
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:24
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:30

Client Sample ID: SS 262
Date Collected: 12/19/24 08:59
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		50	98350	MNR	EET MID	12/20/24 13:14
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:14
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:38
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:38
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:48

Client Sample ID: SS 320
Date Collected: 12/19/24 09:04
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		25	98350	MNR	EET MID	12/20/24 13:34
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:34
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:53
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:53
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:59

Client Sample ID: SS 488
Date Collected: 12/19/24 09:12
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		100	98351	MNR	EET MID	12/20/24 12:24
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:24

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488**Lab Sample ID: 890-7492-7****Date Collected: 12/19/24 09:12****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:08
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:08
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:06

Client Sample ID: SS 46**Lab Sample ID: 890-7492-8****Date Collected: 12/19/24 10:15****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 12:45
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:45
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:25
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:25
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:11

Client Sample ID: SS 107**Lab Sample ID: 890-7492-9****Date Collected: 12/19/24 10:22****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:05
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:05
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:17

Client Sample ID: SS 290**Lab Sample ID: 890-7492-10****Date Collected: 12/19/24 10:30****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:25
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:25
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:54
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:54

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:23

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:46
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:46
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:29

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 14:06
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:06
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:36

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 11:49
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 11:49
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:43

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154
Date Collected: 12/19/24 11:19
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:10
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:10
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:00
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:00
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:50

Client Sample ID: SS 504
Date Collected: 12/19/24 11:40
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		10	98353	MNR	EET MID	12/20/24 13:32
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:32
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:15
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:15
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:12

Client Sample ID: SS 398
Date Collected: 12/19/24 11:27
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:30
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:30
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:31
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:31
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:19

Client Sample ID: SS 183
Date Collected: 12/19/24 11:44
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:51
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:51

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183
Date Collected: 12/19/24 11:44
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:47
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:47
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:26

Client Sample ID: SS 200
Date Collected: 12/19/24 11:49
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 13:11
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:11
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:03
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:03
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:33

Client Sample ID: SS 435
Date Collected: 12/19/24 11:53
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:07
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:07
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:20
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:20
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:40

Client Sample ID: SS 477
Date Collected: 12/19/24 12:02
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:27
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:27
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:36
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:36

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:48

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		10	98352	MNR	EET MID	12/20/24 13:28
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:28
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:52
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:52
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:09

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:48
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:48
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 14:07
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 14:07
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 10:16

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 13:08
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:08
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98404	EL	EET MID	12/19/24 21:32
Total/NA	Analysis	8015B NM		1	98430	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:38

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
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- 12
- 13
- 14

Accreditation/Certification Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7492-1	SS 01	Solid	12/19/24 08:20	12/19/24 15:45	- SURFACE
890-7492-2	SS 20	Solid	12/19/24 08:36	12/19/24 15:45	- SURFACE
890-7492-3	SS 64	Solid	12/19/24 08:47	12/19/24 15:45	- SURFACE
890-7492-4	SS 80	Solid	12/19/24 08:53	12/19/24 15:45	- SURFACE
890-7492-5	SS 262	Solid	12/19/24 08:59	12/19/24 15:45	- SURFACE
890-7492-6	SS 320	Solid	12/19/24 09:04	12/19/24 15:45	- SURFACE
890-7492-7	SS 488	Solid	12/19/24 09:12	12/19/24 15:45	- SURFACE
890-7492-8	SS 46	Solid	12/19/24 10:15	12/19/24 15:45	- SURFACE
890-7492-9	SS 107	Solid	12/19/24 10:22	12/19/24 15:45	- SURFACE
890-7492-10	SS 290	Solid	12/19/24 10:30	12/19/24 15:45	- SURFACE
890-7492-11	SS 339	Solid	12/19/24 10:37	12/19/24 15:45	- SURFACE
890-7492-12	SS 495	Solid	12/19/24 10:44	12/19/24 15:45	- SURFACE
890-7492-13	SS 129	Solid	12/19/24 11:07	12/19/24 15:45	- SURFACE
890-7492-14	SS 154	Solid	12/19/24 11:19	12/19/24 15:45	- SURFACE
890-7492-15	SS 504	Solid	12/19/24 11:40	12/19/24 15:45	- SURFACE
890-7492-16	SS 398	Solid	12/19/24 11:27	12/19/24 15:45	- SURFACE
890-7492-17	SS 183	Solid	12/19/24 11:44	12/19/24 15:45	- SURFACE
890-7492-18	SS 200	Solid	12/19/24 11:49	12/19/24 15:45	- SURFACE
890-7492-19	SS 435	Solid	12/19/24 11:53	12/19/24 15:45	- SURFACE
890-7492-20	SS 477	Solid	12/19/24 12:02	12/19/24 15:45	- SURFACE
890-7492-21	SS 176	Solid	12/19/24 12:07	12/19/24 15:45	- SURFACE
890-7492-22	SS 138	Solid	12/19/24 12:17	12/19/24 15:45	- SURFACE
890-7492-23	SS 420	Solid	12/19/24 12:22	12/19/24 15:45	- SURFACE

Chain of Custody



Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 1 of 3

Work-Order Comments

Program: ☐ UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project: ☐ Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Reporting: ☐ Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: ☐ EDD ☐ ADAPT ☐ Other:

Project Manager: Michael Wicker

Company Name: Cotto

Address:

City, State ZIP: 1616-970-8459

Phone: 1616-970-8459

Email: mwicker@cottoconsult.com

ANALYSIS REQUEST

Project Name: Close Encounter 30114

Project Number: Buckeye, NM

Project Location: Dakotah Cueto

Sampler's Name:

PO #:

SAMPLE RECEIPT

Samples Received Intact: ☒ Yes ☐ No

Cooler Custody Seals: ☒ Yes ☐ No

Sample Custody Seals: ☒ Yes ☐ No

Total Containers: 5

Temp Blank: ☒ Yes ☐ No

Wet Ice: ☒ Yes ☐ No

Thermometer ID: -0.2

Correction Factor: 5.8

Temperature Reading: 5.0

Corrected Temperature: 5.0

Preservative Codes

None: ☐ NO ☐ DI Water: ☐ H₂O

Cool: ☐ Cool ☐ MeOH: ☐ Me

HCL: ☐ HC ☐ HNO₃

H₂SO₄: ☐ H₂ ☐ NaOH: ☐ Na

H₃PO₄: ☐ HP ☐ NaHSO₄: ☐ NABIS

Na₂S₂O₃: ☐ NaSO₃

Zn Acetate+NaOH: ☐ Zn

NaOH+Ascorbic Acid: ☐ SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Pres. Code	Parameters
SS01	S	12-19-24	08:20	Surf	C	1		
SS20	S		08:36		C	1		
SS64	S		08:47		C	1		
SS80	S		08:53		C	1		
SS262	S		08:59		C	1		
SS320	S		09:04		C	1		
SS488	S		09:12		C	1		
SS46	S		10:15		C	1		
SS107	S		10:22		C	1		
SS290	S		10:30		C	1		

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>Dakotah Cueto</u>	<u>12/19 1545</u>				

Revised Date: 06/25/2020 Rev. 2020.2



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Environment Testing

Work Order No:

Little Rock, AR (501) 224-5060

Page 2 of 3

Project Manager: Michael Wicker		Bill to: (if different) cdh consulting	
Company Name: cdh		Company Name:	
Address:		Address:	
City, State ZIP:		City, State ZIP:	
Phone: 616-970-8459		Email: mwicker@cdhconsult.com	
Project Name: Close Encounters 3014		Turn Around	
Project Number:		☐ Routine ☒ Rush	
Project Location: Buckeye, NM		Due Date: 12-20-2024	
Sampler's Name: Dakotah Cueto		TAT starts the day received by the lab, if received by 4:30pm	
PO #:			
SAMPLE RECEIPT		Temp Blank: Yes No Wet Ice: Yes No	
Samples Received Intact: Yes No		Thermometer ID:	
Cooler Custody Seals: Yes No N/A		Correction Factor:	
Sample Custody Seals: Yes No N/A		Temperature Reading:	
Total Containers:		Corrected Temperature:	
Sample Identification		Matrix	
Date Sampled		Time Sampled	
Depth		Grab/ # of Comp Cont	
5339		S 12/19/2024 10:37 Surf C 1	
53495		S 10:44 C 1	
53129		S 11:07 C 1	
53154		S 11:19 C 1	
53504		S 11:40 C 1	
53398		S 11:27 C 1	
53183		S 11:44 C 1	
53200		S 11:49 C 1	
53435		S 11:53 C 1	
53477		S 12:02 C 1	
Total 200.7 / 6010 200.8 / 6020:		8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti Sn U V Zn	
Circle Method(s) and Metal(s) to be analyzed		TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471	
Relinquished by: (Signature)		Received by: (Signature)	
Date/Time		Date/Time	
1 Dakotah Cueto		2	
3		4	
5		6	



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 382-7550, Carlsbad, NM (575) 988-3499
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 3 of 3

[illegible]

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Source: Eurofins Midland

List Number: 2

List Creation: 12/19/24 09:21 PM

Creator: Laing, Edmundo

Question	Answer	Comment
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time (excluding tests with immediate HTs)		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").		



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ANALYTICAL REPORT

PREPARED FOR

Attn: Michael Wicker
CDH Consulting
9446 Clermont St,
Thornton, Colorado 80229
Generated 12/20/2024 3:02:55 PM

JOB DESCRIPTION

CLOSE ENCOUNTER 301 H
BUCKEYE

JOB NUMBER

890-7492-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

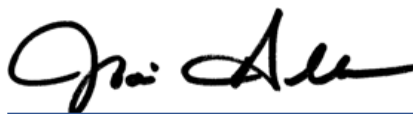
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
12/20/2024 3:02:55 PM

Authorized for release by
Jodi Allen, Project Manager I
Jodi.Allen@et.eurofinsus.com
(281)520-2865

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Laboratory Job ID: 890-7492-1
SDG: BUCKEYE

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Definitions/Glossary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1

Eurofins Carlsbad

Job Narrative
890-7492-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 12/19/2024 3:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 64 (890-7492-3), SS 80 (890-7492-4), SS 262 (890-7492-5), SS 320 (890-7492-6), SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11), SS 495 (890-7492-12), SS 129 (890-7492-13), SS 154 (890-7492-14), SS 504 (890-7492-15), SS 398 (890-7492-16), SS 183 (890-7492-17), SS 200 (890-7492-18), SS 435 (890-7492-19), SS 477 (890-7492-20), SS 176 (890-7492-21), SS 138 (890-7492-22) and SS 420 (890-7492-23).

GC VOA

Method 8021B: The following samples were diluted due to physical characteristics such as color, odor, appearance, viscosity, etc. >>: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 80 (890-7492-4), SS 262 (890-7492-5) and SS 320 (890-7492-6). Elevated reporting limits (RL) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 01 (890-7492-1), SS 20 (890-7492-2) and SS 64 (890-7492-3). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 398 (890-7492-16) and SS 200 (890-7492-18). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SS 176 (890-7492-21). Evidence of matrix interferences is not obvious.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11) and SS 495 (890-7492-12). Elevated reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 46 (890-7492-8), SS 290 (890-7492-10) and SS 495 (890-7492-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: SS 504 (890-7492-15). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-98402/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98402 and analytical batch 880-98425 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within

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Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1 (Continued)

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acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SS 262 (890-7492-5). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Due to the high concentration of Diesel Range Organics (Over C10-C28), the matrix spike (MS) for preparation batch 880-98403 and analytical batch 880-98427 could not be evaluated for accuracy. The associated matrix spike duplicate (MSD) met acceptance criteria.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SS 477 (890-7492-20), (LCS 880-98403/2-A) and (LCSD 880-98403/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The method blank for preparation batch 880-98404 and analytical batch 880-98430 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-98404/2-A) and (LCSD 880-98404/3-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-98404 and analytical batch 880-98430 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The laboratory control sample (LCS) for preparation batch 880-98403 and analytical batch 880-98427 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10. Since only an acceptable LCSD is required per the method, the LCSD shows recovery for the batch and the data has been qualified and reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98374 and analytical batch 880-98376 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01

Lab Sample ID: 890-7492-1

Date Collected: 12/19/24 08:20

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0101	U	0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Ethylbenzene	0.0947		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Toluene	0.0306		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Xylenes, Total	1.81		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
m-Xylene & p-Xylene	0.0449		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
o-Xylene	1.77		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:24	12/20/24 11:51	20
1,4-Difluorobenzene (Surr)	124		70 - 130				12/20/24 08:24	12/20/24 11:51	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.94		0.0202		mg/Kg			12/20/24 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	287		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	287		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				12/19/24 21:26	12/20/24 12:09	1
o-Terphenyl	86		70 - 130				12/19/24 21:26	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17600		199		mg/Kg			12/20/24 10:49	20

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Ethylbenzene	0.0420		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Toluene	0.0216		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Xylenes, Total	0.350		0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
m-Xylene & p-Xylene	<0.0401	U	0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
o-Xylene	0.350		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				12/20/24 08:24	12/20/24 14:15	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	136	S1+	70 - 130	12/20/24 08:24	12/20/24 14:15	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.414		0.0401		mg/Kg			12/20/24 14:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	110		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	110		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				12/19/24 21:26	12/20/24 12:23	1
o-Terphenyl	77		70 - 130				12/19/24 21:26	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300	F1	49.9		mg/Kg			12/20/24 10:58	5

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Ethylbenzene	0.242		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Toluene	0.0581		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Xylenes, Total	0.781		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
m-Xylene & p-Xylene	0.189		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
o-Xylene	0.592		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20
1,4-Difluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.08		0.0795		mg/Kg			12/20/24 12:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	631		50.0		mg/Kg			12/20/24 09:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Diesel Range Organics (Over C10-C28)	631	F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 09:40	1
o-Terphenyl	78		70 - 130				12/19/24 21:28	12/20/24 09:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3110		50.2		mg/Kg			12/20/24 11:54	5

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Ethylbenzene	0.0344		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Toluene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Xylenes, Total	0.680		0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
m-Xylene & p-Xylene	<0.0399	U	0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
o-Xylene	0.680		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				12/20/24 08:24	12/20/24 14:36	10
1,4-Difluorobenzene (Surr)	106		70 - 130				12/20/24 08:24	12/20/24 14:36	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.714		0.0399		mg/Kg			12/20/24 14:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	188		50.0		mg/Kg			12/20/24 10:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Diesel Range Organics (Over C10-C28)	188		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				12/19/24 21:28	12/20/24 10:24	1
o-Terphenyl	74		70 - 130				12/19/24 21:28	12/20/24 10:24	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3070		100		mg/Kg			12/20/24 11:30	10

Client Sample ID: SS 262

Lab Sample ID: 890-7492-5

Date Collected: 12/19/24 08:59

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Ethylbenzene	0.966		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Toluene	0.415		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Xylenes, Total	1.51		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
m-Xylene & p-Xylene	0.756		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
o-Xylene	0.754		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				12/20/24 08:24	12/20/24 13:14	50
1,4-Difluorobenzene (Surr)	122		70 - 130				12/20/24 08:24	12/20/24 13:14	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.89		0.202		mg/Kg			12/20/24 13:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	463		50.0		mg/Kg			12/20/24 10:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Diesel Range Organics (Over C10-C28)	463		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				12/19/24 21:28	12/20/24 10:38	1
o-Terphenyl	69	S1-	70 - 130				12/19/24 21:28	12/20/24 10:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4470		99.4		mg/Kg			12/20/24 11:48	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 320

Lab Sample ID: 890-7492-6

Date Collected: 12/19/24 09:04

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0503	U	0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Ethylbenzene	0.537		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Toluene	0.125		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Xylenes, Total	1.20		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
m-Xylene & p-Xylene	0.454		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
o-Xylene	0.746		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	12/20/24 08:24	12/20/24 13:34	25
1,4-Difluorobenzene (Surr)	126		70 - 130	12/20/24 08:24	12/20/24 13:34	25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.86		0.101		mg/Kg			12/20/24 13:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	876		49.7		mg/Kg			12/20/24 10:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Diesel Range Organics (Over C10-C28)	876		49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130	12/19/24 21:28	12/20/24 10:53	1
o-Terphenyl	75		70 - 130	12/19/24 21:28	12/20/24 10:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3410		49.8		mg/Kg			12/20/24 11:59	5

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.199	U	0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Ethylbenzene	1.92		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Toluene	0.602		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Xylenes, Total	3.04		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
m-Xylene & p-Xylene	1.78		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
o-Xylene	1.26		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	12/20/24 08:27	12/20/24 12:24	100

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	100		70 - 130	12/20/24 08:27	12/20/24 12:24	100

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	5.56		0.398		mg/Kg			12/20/24 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2500		49.8		mg/Kg			12/20/24 11:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.7		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Diesel Range Organics (Over C10-C28)	2410		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:08	1
o-Terphenyl	95		70 - 130				12/19/24 21:28	12/20/24 11:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3680		49.6		mg/Kg			12/20/24 12:06	5

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.11		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Ethylbenzene	9.28		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Toluene	7.96		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Xylenes, Total	10.9		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
m-Xylene & p-Xylene	6.88		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
o-Xylene	4.05		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130	12/20/24 08:27	12/20/24 12:45	50
1,4-Difluorobenzene (Surr)	94		70 - 130	12/20/24 08:27	12/20/24 12:45	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	29.3		0.200		mg/Kg			12/20/24 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1330		49.9		mg/Kg			12/20/24 11:25	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	95.0		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Diesel Range Organics (Over C10-C28)	1230		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:25	1
o-Terphenyl	81		70 - 130				12/19/24 21:28	12/20/24 11:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5420		101		mg/Kg			12/20/24 12:11	10

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Ethylbenzene	1.52		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Toluene	0.807		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Xylenes, Total	4.70		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
m-Xylene & p-Xylene	3.88		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
o-Xylene	0.815		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				12/20/24 08:27	12/20/24 13:05	50
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:27	12/20/24 13:05	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	7.02		0.202		mg/Kg			12/20/24 13:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	60.0		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Diesel Range Organics (Over C10-C28)	1450		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:40	1
o-Terphenyl	86		70 - 130				12/19/24 21:28	12/20/24 11:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5250		99.4		mg/Kg			12/20/24 12:17	10

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.151		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Ethylbenzene	3.30		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Toluene	1.75		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Xylenes, Total	4.33		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
m-Xylene & p-Xylene	2.60		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
o-Xylene	1.73		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:27	12/20/24 13:25	50
1,4-Difluorobenzene (Surr)	100		70 - 130				12/20/24 08:27	12/20/24 13:25	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	9.53		0.201		mg/Kg			12/20/24 13:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2470		49.8		mg/Kg			12/20/24 11:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	129		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Diesel Range Organics (Over C10-C28)	2340		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				12/19/24 21:28	12/20/24 11:54	1
o-Terphenyl	105		70 - 130				12/19/24 21:28	12/20/24 11:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5400		99.8		mg/Kg			12/20/24 12:23	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.106		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Ethylbenzene	3.81		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Toluene	1.12		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Xylenes, Total	5.28		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
m-Xylene & p-Xylene	3.48		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
o-Xylene	1.80		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	12/20/24 08:27	12/20/24 13:46	50
1,4-Difluorobenzene (Surr)	99		70 - 130	12/20/24 08:27	12/20/24 13:46	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	10.3		0.200		mg/Kg			12/20/24 13:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3950		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	154		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	3800		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	12/19/24 21:28	12/20/24 12:09	1
o-Terphenyl	121		70 - 130	12/19/24 21:28	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4280		49.9		mg/Kg			12/20/24 12:29	5

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0994	U	0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Ethylbenzene	5.40		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Toluene	1.34		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Xylenes, Total	7.57		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
m-Xylene & p-Xylene	4.90		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
o-Xylene	2.67		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130	12/20/24 08:27	12/20/24 14:06	50

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	12/20/24 08:27	12/20/24 14:06	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	14.3		0.199		mg/Kg			12/20/24 14:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3070		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	177		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	
Diesel Range Organics (Over C10-C28)	2890		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:28	12/20/24 12:23	1
o-Terphenyl	108		70 - 130				12/19/24 21:28	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3660		49.6		mg/Kg			12/20/24 08:36	5

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Ethylbenzene	0.0238		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Toluene	0.00837		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Xylenes, Total	0.0306		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
m-Xylene & p-Xylene	0.0204		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
o-Xylene	0.0102		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	12/20/24 08:33	12/20/24 11:49	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/20/24 08:33	12/20/24 11:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0628		0.00404		mg/Kg			12/20/24 11:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	538		49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Diesel Range Organics (Over C10-C28)	538	F1	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 11:11	1
o-Terphenyl	79		70 - 130				12/19/24 21:30	12/20/24 11:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3350		50.0		mg/Kg			12/20/24 08:43	5

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Ethylbenzene	0.0475		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Toluene	0.0124		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Xylenes, Total	0.0632		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
m-Xylene & p-Xylene	0.0373		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
o-Xylene	0.0259		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				12/20/24 08:33	12/20/24 12:10	1
1,4-Difluorobenzene (Surr)	93		70 - 130				12/20/24 08:33	12/20/24 12:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.123		0.00401		mg/Kg			12/20/24 12:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2710		49.8		mg/Kg			12/20/24 12:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Diesel Range Organics (Over C10-C28)	2710		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 12:00	1
o-Terphenyl	120		70 - 130				12/19/24 21:30	12/20/24 12:00	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1710		50.3		mg/Kg			12/20/24 08:50	5

Client Sample ID: SS 504

Lab Sample ID: 890-7492-15

Date Collected: 12/19/24 11:40

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Ethylbenzene	0.563		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Toluene	0.173		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Xylenes, Total	0.464		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
m-Xylene & p-Xylene	0.290		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
o-Xylene	0.174		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				12/20/24 08:33	12/20/24 13:32	10
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:33	12/20/24 13:32	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.20		0.0398		mg/Kg			12/20/24 13:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 12:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Diesel Range Organics (Over C10-C28)	1510		50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				12/19/24 21:30	12/20/24 12:15	1
o-Terphenyl	97		70 - 130				12/19/24 21:30	12/20/24 12:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2990		50.0		mg/Kg			12/20/24 09:12	5

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 398

Lab Sample ID: 890-7492-16

Date Collected: 12/19/24 11:27

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0262		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Ethylbenzene	0.199		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Toluene	0.168		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Xylenes, Total	0.269		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
m-Xylene & p-Xylene	0.158		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
o-Xylene	0.111		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	12/20/24 08:33	12/20/24 12:30	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:33	12/20/24 12:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.662		0.00399		mg/Kg			12/20/24 12:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3130		49.9		mg/Kg			12/20/24 12:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.1	++	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Diesel Range Organics (Over C10-C28)	3040		49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	12/19/24 21:30	12/20/24 12:31	1
o-Terphenyl	120		70 - 130	12/19/24 21:30	12/20/24 12:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2960		50.1		mg/Kg			12/20/24 09:19	5

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Ethylbenzene	0.0487		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Toluene	0.00442		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Xylenes, Total	0.0402		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
m-Xylene & p-Xylene	0.0276		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
o-Xylene	0.0126		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	12/20/24 08:33	12/20/24 12:51	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	75		70 - 130	12/20/24 08:33	12/20/24 12:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0933		0.00404		mg/Kg			12/20/24 12:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	311		49.8		mg/Kg			12/20/24 12:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Diesel Range Organics (Over C10-C28)	311		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				12/19/24 21:30	12/20/24 12:47	1
o-Terphenyl	77		70 - 130				12/19/24 21:30	12/20/24 12:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.8		9.96		mg/Kg			12/20/24 09:26	1

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Ethylbenzene	0.191		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Toluene	0.110		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Xylenes, Total	0.265		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
m-Xylene & p-Xylene	0.156		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
o-Xylene	0.109		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130	12/20/24 08:33	12/20/24 13:11	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 13:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.566		0.00402		mg/Kg			12/20/24 13:11	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2050		49.9		mg/Kg			12/20/24 13:03	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Diesel Range Organics (Over C10-C28)	2050		49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				12/19/24 21:30	12/20/24 13:03	1
o-Terphenyl	106		70 - 130				12/19/24 21:30	12/20/24 13:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	930		10.0		mg/Kg			12/20/24 09:33	1

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Ethylbenzene	0.00665		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Toluene	0.00205		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Xylenes, Total	0.0105		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
m-Xylene & p-Xylene	0.00628		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
o-Xylene	0.00418		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				12/20/24 08:30	12/20/24 12:07	1
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 12:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0192		0.00404		mg/Kg			12/20/24 12:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	601		49.7		mg/Kg			12/20/24 13:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U **	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Diesel Range Organics (Over C10-C28)	601		49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				12/19/24 21:30	12/20/24 13:20	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 13:20	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3030		49.7		mg/Kg			12/20/24 09:40	5

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Xylenes, Total	0.133		0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
o-Xylene	0.133		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				12/20/24 08:30	12/20/24 12:27	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/20/24 08:30	12/20/24 12:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.133		0.00401		mg/Kg			12/20/24 12:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/20/24 13:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 13:36	1
o-Terphenyl	66	S1-	70 - 130				12/19/24 21:30	12/20/24 13:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		10.0		mg/Kg			12/20/24 09:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Ethylbenzene	0.950		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Toluene	0.199		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Xylenes, Total	1.58		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
m-Xylene & p-Xylene	0.943		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
o-Xylene	0.636		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	193	S1+	70 - 130				12/20/24 08:30	12/20/24 13:28	10
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 13:28	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.73		0.0398		mg/Kg			12/20/24 13:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2110		49.8		mg/Kg			12/20/24 13:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Diesel Range Organics (Over C10-C28)	2110		49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:30	12/20/24 13:52	1
o-Terphenyl	112		70 - 130				12/19/24 21:30	12/20/24 13:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	812		9.98		mg/Kg			12/20/24 10:09	1

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Ethylbenzene	0.0120		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Toluene	0.00377		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Xylenes, Total	0.0233		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
m-Xylene & p-Xylene	0.0102		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
o-Xylene	0.0131		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				12/20/24 08:30	12/20/24 12:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130	12/20/24 08:30	12/20/24 12:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0391		0.00399		mg/Kg			12/20/24 12:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	573		49.8		mg/Kg			12/20/24 14:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Diesel Range Organics (Over C10-C28)	573		49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 14:07	1
o-Terphenyl	78		70 - 130				12/19/24 21:30	12/20/24 14:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2650		50.1		mg/Kg			12/20/24 10:16	5

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Xylenes, Total	0.0889		0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
o-Xylene	0.0889		0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				12/20/24 08:30	12/20/24 13:08	1
1,4-Difluorobenzene (Surr)	91		70 - 130				12/20/24 08:30	12/20/24 13:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0889		0.00404		mg/Kg			12/20/24 13:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 420
Date Collected: 12/19/24 12:22
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-23
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	104		70 - 130				12/19/24 21:32	12/20/24 11:11	1	
o-Terphenyl	109		70 - 130				12/19/24 21:32	12/20/24 11:11	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	162		9.94		mg/Kg			12/20/24 10:38	1	

Surrogate Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
890-7492-1	SS 01	131 S1+	124
890-7492-2	SS 20	128	136 S1+
890-7492-3	SS 64	137 S1+	131 S1+
890-7492-4	SS 80	144 S1+	106
890-7492-5	SS 262	125	122
890-7492-6	SS 320	126	126
890-7492-7	SS 488	106	100
890-7492-8	SS 46	171 S1+	94
890-7492-9	SS 107	107	101
890-7492-10	SS 290	131 S1+	100
890-7492-11	SS 339	122	99
890-7492-12	SS 495	139 S1+	104
890-7492-13	SS 129	109	95
890-7492-14	SS 154	99	93
890-7492-15	SS 504	110	94
890-7492-16	SS 398	141 S1+	96
890-7492-17	SS 183	88	75
890-7492-18	SS 200	159 S1+	93
890-7492-19	SS 435	113	104
890-7492-20	SS 477	98	95
890-7492-21	SS 176	193 S1+	104
890-7492-22	SS 138	115	103
890-7492-23	SS 420	95	91
LCS 880-98432/1-A	Lab Control Sample	101	96
LCS 880-98433/1-A	Lab Control Sample	96	103
LCS 880-98434/1-A	Lab Control Sample	107	104
LCS 880-98435/1-A	Lab Control Sample	106	99
LCSD 880-98432/2-A	Lab Control Sample Dup	103	99
LCSD 880-98433/2-A	Lab Control Sample Dup	94	103
LCSD 880-98434/2-A	Lab Control Sample Dup	109	103
LCSD 880-98435/2-A	Lab Control Sample Dup	108	98
MB 880-98432/5-A	Method Blank	112	85
MB 880-98433/5-A	Method Blank	98	96
MB 880-98434/5-A	Method Blank	111	101
MB 880-98435/5-A	Method Blank	92	93
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1	OTPH1
		(70-130)	(70-130)
890-7492-1	SS 01	83	86
890-7492-2	SS 20	76	77
890-7492-3	SS 64	75	78
890-7492-3 MS	SS 64	78	76

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Surrogate Summary

Client: CDH Consulting

Job ID: 890-7492-1

Project/Site: CLOSE ENCOUNTER 301 H

SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-3 MSD	SS 64	77	76
890-7492-4	SS 80	73	74
890-7492-5	SS 262	70	69 S1-
890-7492-6	SS 320	74	75
890-7492-7	SS 488	75	95
890-7492-8	SS 46	75	81
890-7492-9	SS 107	75	86
890-7492-10	SS 290	85	105
890-7492-11	SS 339	84	121
890-7492-12	SS 495	88	108
890-7492-13	SS 129	84	79
890-7492-13 MS	SS 129	80	81
890-7492-13 MSD	SS 129	79	81
890-7492-14	SS 154	84	120
890-7492-15	SS 504	92	97
890-7492-16	SS 398	85	120
890-7492-17	SS 183	87	77
890-7492-18	SS 200	82	106
890-7492-19	SS 435	77	74
890-7492-20	SS 477	81	66 S1-
890-7492-21	SS 176	88	112
890-7492-22	SS 138	81	78
890-7492-23	SS 420	104	109
890-7492-23 MS	SS 420	92	99
890-7492-23 MSD	SS 420	92	99
LCS 880-98401/2-A	Lab Control Sample	118	102
LCS 880-98402/2-A	Lab Control Sample	121	104
LCS 880-98403/2-A	Lab Control Sample	136 S1+	123
LCS 880-98404/2-A	Lab Control Sample	158 S1+	172 S1+
LCSD 880-98401/3-A	Lab Control Sample Dup	110	95
LCSD 880-98402/3-A	Lab Control Sample Dup	145 S1+	123
LCSD 880-98403/3-A	Lab Control Sample Dup	133 S1+	120
LCSD 880-98404/3-A	Lab Control Sample Dup	166 S1+	175 S1+
MB 880-98401/1-A	Method Blank	81	80
MB 880-98402/1-A	Method Blank	75	75
MB 880-98403/1-A	Method Blank	91	74
MB 880-98404/1-A	Method Blank	93	96
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-98432/5-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				12/20/24 08:24	12/20/24 11:08	1
1,4-Difluorobenzene (Surr)	85		70 - 130				12/20/24 08:24	12/20/24 11:08	1

Lab Sample ID: LCS 880-98432/1-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1137		mg/Kg		114	70 - 130
Ethylbenzene	0.100	0.1107		mg/Kg		111	70 - 130
Toluene	0.100	0.1082		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2221		mg/Kg		111	70 - 130
o-Xylene	0.100	0.1128		mg/Kg		113	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	101		70 - 130				
1,4-Difluorobenzene (Surr)	96		70 - 130				

Lab Sample ID: LCSD 880-98432/2-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1182		mg/Kg		118	70 - 130	4	35
Ethylbenzene	0.100	0.1145		mg/Kg		114	70 - 130	3	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2282		mg/Kg		114	70 - 130	3	35
o-Xylene	0.100	0.1165		mg/Kg		117	70 - 130	3	35
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	103		70 - 130						
1,4-Difluorobenzene (Surr)	99		70 - 130						

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	12/20/24 08:27	12/20/24 11:02	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:27	12/20/24 11:02	1

Lab Sample ID: LCS 880-98433/1-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1001		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09410		mg/Kg		94	70 - 130
Toluene	0.100	0.09371		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1885		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09536		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-98433/2-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1048		mg/Kg		105	70 - 130	5	35
Ethylbenzene	0.100	0.09886		mg/Kg		99	70 - 130	5	35
Toluene	0.100	0.09817		mg/Kg		98	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1969		mg/Kg		98	70 - 130	4	35
o-Xylene	0.100	0.09974		mg/Kg		100	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	111		70 - 130	12/20/24 08:30	12/20/24 11:25	1
1,4-Difluorobenzene (Surr)	101		70 - 130	12/20/24 08:30	12/20/24 11:25	1

Lab Sample ID: LCS 880-98434/1-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.1149		mg/Kg		115	70 - 130
Ethylbenzene	0.100	0.1100		mg/Kg		110	70 - 130
Toluene	0.100	0.1116		mg/Kg		112	70 - 130
m-Xylene & p-Xylene	0.200	0.2234		mg/Kg		112	70 - 130
o-Xylene	0.100	0.1142		mg/Kg		114	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: LCSD 880-98434/2-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.1162		mg/Kg		116	70 - 130	1	35
Ethylbenzene	0.100	0.1102		mg/Kg		110	70 - 130	0	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2247		mg/Kg		112	70 - 130	1	35
o-Xylene	0.100	0.1148		mg/Kg		115	70 - 130	1	35

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-98435/5-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98435

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac		
4-Bromofluorobenzene (Surr)	92		70 - 130	12/20/24 08:33	12/20/24 11:07	1			
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 11:07	1			

Lab Sample ID: LCS 880-98435/1-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	0.100	0.1025		mg/Kg		103	70 - 130		
Ethylbenzene	0.100	0.1037		mg/Kg		104	70 - 130		
Toluene	0.100	0.1077		mg/Kg		108	70 - 130		
m-Xylene & p-Xylene	0.200	0.2015		mg/Kg		101	70 - 130		
o-Xylene	0.100	0.1117		mg/Kg		112	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-98435/2-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1068		mg/Kg		107	70 - 130	4	35
Ethylbenzene	0.100	0.1065		mg/Kg		107	70 - 130	3	35
Toluene	0.100	0.1103		mg/Kg		110	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2041		mg/Kg		102	70 - 130	1	35
o-Xylene	0.100	0.1136		mg/Kg		114	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-98401/1-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98401

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil	Fac
1-Chlorooctane	81		70 - 130	12/19/24 21:26	12/20/24 00:11	1	
o-Terphenyl	80		70 - 130	12/19/24 21:26	12/20/24 00:11	1	

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98401/2-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98401

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1058		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	960.9		mg/Kg		96	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	118		70 - 130				
o-Terphenyl	102		70 - 130				

Lab Sample ID: LCSD 880-98401/3-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98401

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1005		mg/Kg		101	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	903.5		mg/Kg		90	70 - 130	6	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	110		70 - 130						
o-Terphenyl	95		70 - 130						

Lab Sample ID: MB 880-98402/1-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98402

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1-Chlorooctane	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	
o-Terphenyl	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	

Lab Sample ID: LCS 880-98402/2-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1061		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1028		mg/Kg		103	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98402/2-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98402

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: LCSD 880-98402/3-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98402

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1288		mg/Kg		129	70 - 130	19	20
Diesel Range Organics (Over C10-C28)			1000	1231		mg/Kg		123	70 - 130	18	20
Surrogate	LCSD	LCSD									
	%Recovery	Qualifier									
1-Chlorooctane	145	S1+									
o-Terphenyl	123										

Lab Sample ID: 890-7492-3 MS
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: SS 64
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	665.3	F1	mg/Kg		67	70 - 130		
Diesel Range Organics (Over C10-C28)	631	F1	998	1155	F1	mg/Kg		53	70 - 130		
Surrogate	MS	MS									
	%Recovery	Qualifier									
1-Chlorooctane	78										
o-Terphenyl	76										

Lab Sample ID: 890-7492-3 MSD
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: SS 64
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	660.4	F1	mg/Kg		66	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	631	F1	998	1141	F1	mg/Kg		51	70 - 130	1	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier									
1-Chlorooctane	77										
o-Terphenyl	76										

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-98403/1-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98403

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				12/19/24 21:30	12/20/24 09:12	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 09:12	1

Lab Sample ID: LCS 880-98403/2-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1333	*+	mg/Kg		133	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1178		mg/Kg		118	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	136	S1+	70 - 130				
o-Terphenyl	123		70 - 130				

Lab Sample ID: LCSD 880-98403/3-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1180		mg/Kg		118	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	1000	1166		mg/Kg		117	70 - 130	1	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	133	S1+	70 - 130						
o-Terphenyl	120		70 - 130						

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	997	729.6		mg/Kg		73	70 - 130
Diesel Range Organics (Over C10-C28)	538	F1	997	1207	F1	mg/Kg		67	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	80		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: 890-7492-13 MSD

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	997	855.4		mg/Kg		86	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	538	F1	997	1282		mg/Kg		75	70 - 130	6	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	79		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: MB 880-98404/1-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98404

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	93		70 - 130	12/19/24 21:32	12/20/24 09:12	1			
o-Terphenyl	96		70 - 130	12/19/24 21:32	12/20/24 09:12	1			

Lab Sample ID: LCS 880-98404/2-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1398	*+	mg/Kg		140	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1468	*+	mg/Kg		147	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	158	S1+	70 - 130
o-Terphenyl	172	S1+	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-98404/3-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1465	*+	mg/Kg		147	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	1590	*+	mg/Kg		159	70 - 130	8	20
		LCSD	LCSD						
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane	166	S1+	70 - 130						
o-Terphenyl	175	S1+	70 - 130						

Lab Sample ID: 890-7492-23 MS

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: SS 420

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	781.1		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	867.3		mg/Kg		84	70 - 130		
		MS	MS								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Lab Sample ID: 890-7492-23 MSD

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: SS 420

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	804.1		mg/Kg		80	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	863.1		mg/Kg		84	70 - 130	0	20
		MSD	MSD								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-98374/1-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 08:34	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-98374/2-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.6		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-98374/3-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	245.0		mg/Kg		98	90 - 110	2	20

Lab Sample ID: 890-7492-2 MS

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1300	F1	1250	3073	F1	mg/Kg		142	90 - 110

Lab Sample ID: 890-7492-2 MSD

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1300	F1	1250	3070	F1	mg/Kg		142	90 - 110	0	20

Lab Sample ID: MB 880-98373/1-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 03:00	1

Lab Sample ID: LCS 880-98373/2-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	258.6		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-98373/3-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	257.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-7492-20 MS

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: SS 477

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	126		257	387.5		mg/Kg		102	90 - 110

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-7492-20 MSD							Client Sample ID: SS 477					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 98377												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	126		248	372.8		mg/Kg		100	90 - 110	4	20	

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA

Analysis Batch: 98350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-2	SS 20	Total/NA	Solid	8021B	98432
890-7492-3	SS 64	Total/NA	Solid	8021B	98432
890-7492-4	SS 80	Total/NA	Solid	8021B	98432
890-7492-5	SS 262	Total/NA	Solid	8021B	98432
890-7492-6	SS 320	Total/NA	Solid	8021B	98432
MB 880-98432/5-A	Method Blank	Total/NA	Solid	8021B	98432
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	8021B	98432
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98432

Analysis Batch: 98351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	8021B	98433
890-7492-8	SS 46	Total/NA	Solid	8021B	98433
890-7492-9	SS 107	Total/NA	Solid	8021B	98433
890-7492-10	SS 290	Total/NA	Solid	8021B	98433
890-7492-11	SS 339	Total/NA	Solid	8021B	98433
890-7492-12	SS 495	Total/NA	Solid	8021B	98433
MB 880-98433/5-A	Method Blank	Total/NA	Solid	8021B	98433
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	8021B	98433
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98433

Analysis Batch: 98352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	8021B	98434
890-7492-20	SS 477	Total/NA	Solid	8021B	98434
890-7492-21	SS 176	Total/NA	Solid	8021B	98434
890-7492-22	SS 138	Total/NA	Solid	8021B	98434
890-7492-23	SS 420	Total/NA	Solid	8021B	98434
MB 880-98434/5-A	Method Blank	Total/NA	Solid	8021B	98434
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	8021B	98434
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98434

Analysis Batch: 98353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8021B	98435
890-7492-14	SS 154	Total/NA	Solid	8021B	98435
890-7492-15	SS 504	Total/NA	Solid	8021B	98435
890-7492-16	SS 398	Total/NA	Solid	8021B	98435
890-7492-17	SS 183	Total/NA	Solid	8021B	98435
890-7492-18	SS 200	Total/NA	Solid	8021B	98435
MB 880-98435/5-A	Method Blank	Total/NA	Solid	8021B	98435
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	8021B	98435
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98435

Prep Batch: 98432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	5035	
890-7492-2	SS 20	Total/NA	Solid	5035	
890-7492-3	SS 64	Total/NA	Solid	5035	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Prep Batch: 98432 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-4	SS 80	Total/NA	Solid	5035	
890-7492-5	SS 262	Total/NA	Solid	5035	
890-7492-6	SS 320	Total/NA	Solid	5035	
MB 880-98432/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	5035	
890-7492-8	SS 46	Total/NA	Solid	5035	
890-7492-9	SS 107	Total/NA	Solid	5035	
890-7492-10	SS 290	Total/NA	Solid	5035	
890-7492-11	SS 339	Total/NA	Solid	5035	
890-7492-12	SS 495	Total/NA	Solid	5035	
MB 880-98433/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	5035	
890-7492-20	SS 477	Total/NA	Solid	5035	
890-7492-21	SS 176	Total/NA	Solid	5035	
890-7492-22	SS 138	Total/NA	Solid	5035	
890-7492-23	SS 420	Total/NA	Solid	5035	
MB 880-98434/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	5035	
890-7492-14	SS 154	Total/NA	Solid	5035	
890-7492-15	SS 504	Total/NA	Solid	5035	
890-7492-16	SS 398	Total/NA	Solid	5035	
890-7492-17	SS 183	Total/NA	Solid	5035	
890-7492-18	SS 200	Total/NA	Solid	5035	
MB 880-98435/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 98498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	Total BTEX	
890-7492-2	SS 20	Total/NA	Solid	Total BTEX	
890-7492-3	SS 64	Total/NA	Solid	Total BTEX	
890-7492-4	SS 80	Total/NA	Solid	Total BTEX	
890-7492-5	SS 262	Total/NA	Solid	Total BTEX	
890-7492-6	SS 320	Total/NA	Solid	Total BTEX	
890-7492-7	SS 488	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Analysis Batch: 98498 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-8	SS 46	Total/NA	Solid	Total BTEX	
890-7492-9	SS 107	Total/NA	Solid	Total BTEX	
890-7492-10	SS 290	Total/NA	Solid	Total BTEX	
890-7492-11	SS 339	Total/NA	Solid	Total BTEX	
890-7492-12	SS 495	Total/NA	Solid	Total BTEX	
890-7492-13	SS 129	Total/NA	Solid	Total BTEX	
890-7492-14	SS 154	Total/NA	Solid	Total BTEX	
890-7492-15	SS 504	Total/NA	Solid	Total BTEX	
890-7492-16	SS 398	Total/NA	Solid	Total BTEX	
890-7492-17	SS 183	Total/NA	Solid	Total BTEX	
890-7492-18	SS 200	Total/NA	Solid	Total BTEX	
890-7492-19	SS 435	Total/NA	Solid	Total BTEX	
890-7492-20	SS 477	Total/NA	Solid	Total BTEX	
890-7492-21	SS 176	Total/NA	Solid	Total BTEX	
890-7492-22	SS 138	Total/NA	Solid	Total BTEX	
890-7492-23	SS 420	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 98401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015NM Prep	
890-7492-2	SS 20	Total/NA	Solid	8015NM Prep	
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 98402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-4	SS 80	Total/NA	Solid	8015NM Prep	
890-7492-5	SS 262	Total/NA	Solid	8015NM Prep	
890-7492-6	SS 320	Total/NA	Solid	8015NM Prep	
890-7492-7	SS 488	Total/NA	Solid	8015NM Prep	
890-7492-8	SS 46	Total/NA	Solid	8015NM Prep	
890-7492-9	SS 107	Total/NA	Solid	8015NM Prep	
890-7492-10	SS 290	Total/NA	Solid	8015NM Prep	
890-7492-11	SS 339	Total/NA	Solid	8015NM Prep	
890-7492-12	SS 495	Total/NA	Solid	8015NM Prep	
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-3 MS	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-3 MSD	SS 64	Total/NA	Solid	8015NM Prep	

Prep Batch: 98403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-14	SS 154	Total/NA	Solid	8015NM Prep	
890-7492-15	SS 504	Total/NA	Solid	8015NM Prep	
890-7492-16	SS 398	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Prep Batch: 98403 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-17	SS 183	Total/NA	Solid	8015NM Prep	
890-7492-18	SS 200	Total/NA	Solid	8015NM Prep	
890-7492-19	SS 435	Total/NA	Solid	8015NM Prep	
890-7492-20	SS 477	Total/NA	Solid	8015NM Prep	
890-7492-21	SS 176	Total/NA	Solid	8015NM Prep	
890-7492-22	SS 138	Total/NA	Solid	8015NM Prep	
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-13 MS	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-13 MSD	SS 129	Total/NA	Solid	8015NM Prep	

Prep Batch: 98404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015NM Prep	
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-23 MS	SS 420	Total/NA	Solid	8015NM Prep	
890-7492-23 MSD	SS 420	Total/NA	Solid	8015NM Prep	

Analysis Batch: 98423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015B NM	98401
890-7492-2	SS 20	Total/NA	Solid	8015B NM	98401
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015B NM	98401
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98401
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98401

Analysis Batch: 98425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-4	SS 80	Total/NA	Solid	8015B NM	98402
890-7492-5	SS 262	Total/NA	Solid	8015B NM	98402
890-7492-6	SS 320	Total/NA	Solid	8015B NM	98402
890-7492-7	SS 488	Total/NA	Solid	8015B NM	98402
890-7492-8	SS 46	Total/NA	Solid	8015B NM	98402
890-7492-9	SS 107	Total/NA	Solid	8015B NM	98402
890-7492-10	SS 290	Total/NA	Solid	8015B NM	98402
890-7492-11	SS 339	Total/NA	Solid	8015B NM	98402
890-7492-12	SS 495	Total/NA	Solid	8015B NM	98402
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015B NM	98402
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98402
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98402
890-7492-3 MS	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-3 MSD	SS 64	Total/NA	Solid	8015B NM	98402

Analysis Batch: 98427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-14	SS 154	Total/NA	Solid	8015B NM	98403

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Analysis Batch: 98427 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-15	SS 504	Total/NA	Solid	8015B NM	98403
890-7492-16	SS 398	Total/NA	Solid	8015B NM	98403
890-7492-17	SS 183	Total/NA	Solid	8015B NM	98403
890-7492-18	SS 200	Total/NA	Solid	8015B NM	98403
890-7492-19	SS 435	Total/NA	Solid	8015B NM	98403
890-7492-20	SS 477	Total/NA	Solid	8015B NM	98403
890-7492-21	SS 176	Total/NA	Solid	8015B NM	98403
890-7492-22	SS 138	Total/NA	Solid	8015B NM	98403
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015B NM	98403
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98403
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98403
890-7492-13 MS	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-13 MSD	SS 129	Total/NA	Solid	8015B NM	98403

Analysis Batch: 98430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015B NM	98404
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015B NM	98404
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98404
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98404
890-7492-23 MS	SS 420	Total/NA	Solid	8015B NM	98404
890-7492-23 MSD	SS 420	Total/NA	Solid	8015B NM	98404

Analysis Batch: 98523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015 NM	
890-7492-2	SS 20	Total/NA	Solid	8015 NM	
890-7492-3	SS 64	Total/NA	Solid	8015 NM	
890-7492-4	SS 80	Total/NA	Solid	8015 NM	
890-7492-5	SS 262	Total/NA	Solid	8015 NM	
890-7492-6	SS 320	Total/NA	Solid	8015 NM	
890-7492-7	SS 488	Total/NA	Solid	8015 NM	
890-7492-8	SS 46	Total/NA	Solid	8015 NM	
890-7492-9	SS 107	Total/NA	Solid	8015 NM	
890-7492-10	SS 290	Total/NA	Solid	8015 NM	
890-7492-11	SS 339	Total/NA	Solid	8015 NM	
890-7492-12	SS 495	Total/NA	Solid	8015 NM	
890-7492-13	SS 129	Total/NA	Solid	8015 NM	
890-7492-14	SS 154	Total/NA	Solid	8015 NM	
890-7492-15	SS 504	Total/NA	Solid	8015 NM	
890-7492-16	SS 398	Total/NA	Solid	8015 NM	
890-7492-17	SS 183	Total/NA	Solid	8015 NM	
890-7492-18	SS 200	Total/NA	Solid	8015 NM	
890-7492-19	SS 435	Total/NA	Solid	8015 NM	
890-7492-20	SS 477	Total/NA	Solid	8015 NM	
890-7492-21	SS 176	Total/NA	Solid	8015 NM	
890-7492-22	SS 138	Total/NA	Solid	8015 NM	
890-7492-23	SS 420	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC

Leach Batch: 98373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	DI Leach	
890-7492-13	SS 129	Soluble	Solid	DI Leach	
890-7492-14	SS 154	Soluble	Solid	DI Leach	
890-7492-15	SS 504	Soluble	Solid	DI Leach	
890-7492-16	SS 398	Soluble	Solid	DI Leach	
890-7492-17	SS 183	Soluble	Solid	DI Leach	
890-7492-18	SS 200	Soluble	Solid	DI Leach	
890-7492-19	SS 435	Soluble	Solid	DI Leach	
890-7492-20	SS 477	Soluble	Solid	DI Leach	
890-7492-21	SS 176	Soluble	Solid	DI Leach	
890-7492-22	SS 138	Soluble	Solid	DI Leach	
890-7492-23	SS 420	Soluble	Solid	DI Leach	
MB 880-98373/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-20 MS	SS 477	Soluble	Solid	DI Leach	
890-7492-20 MSD	SS 477	Soluble	Solid	DI Leach	

Leach Batch: 98374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	DI Leach	
890-7492-2	SS 20	Soluble	Solid	DI Leach	
890-7492-3	SS 64	Soluble	Solid	DI Leach	
890-7492-4	SS 80	Soluble	Solid	DI Leach	
890-7492-5	SS 262	Soluble	Solid	DI Leach	
890-7492-6	SS 320	Soluble	Solid	DI Leach	
890-7492-7	SS 488	Soluble	Solid	DI Leach	
890-7492-8	SS 46	Soluble	Solid	DI Leach	
890-7492-9	SS 107	Soluble	Solid	DI Leach	
890-7492-10	SS 290	Soluble	Solid	DI Leach	
890-7492-11	SS 339	Soluble	Solid	DI Leach	
MB 880-98374/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-2 MS	SS 20	Soluble	Solid	DI Leach	
890-7492-2 MSD	SS 20	Soluble	Solid	DI Leach	

Analysis Batch: 98376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	300.0	98374
890-7492-2	SS 20	Soluble	Solid	300.0	98374
890-7492-3	SS 64	Soluble	Solid	300.0	98374
890-7492-4	SS 80	Soluble	Solid	300.0	98374
890-7492-5	SS 262	Soluble	Solid	300.0	98374
890-7492-6	SS 320	Soluble	Solid	300.0	98374
890-7492-7	SS 488	Soluble	Solid	300.0	98374
890-7492-8	SS 46	Soluble	Solid	300.0	98374
890-7492-9	SS 107	Soluble	Solid	300.0	98374
890-7492-10	SS 290	Soluble	Solid	300.0	98374
890-7492-11	SS 339	Soluble	Solid	300.0	98374
MB 880-98374/1-A	Method Blank	Soluble	Solid	300.0	98374

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC (Continued)

Analysis Batch: 98376 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	300.0	98374
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98374
890-7492-2 MS	SS 20	Soluble	Solid	300.0	98374
890-7492-2 MSD	SS 20	Soluble	Solid	300.0	98374

Analysis Batch: 98377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	300.0	98373
890-7492-13	SS 129	Soluble	Solid	300.0	98373
890-7492-14	SS 154	Soluble	Solid	300.0	98373
890-7492-15	SS 504	Soluble	Solid	300.0	98373
890-7492-16	SS 398	Soluble	Solid	300.0	98373
890-7492-17	SS 183	Soluble	Solid	300.0	98373
890-7492-18	SS 200	Soluble	Solid	300.0	98373
890-7492-19	SS 435	Soluble	Solid	300.0	98373
890-7492-20	SS 477	Soluble	Solid	300.0	98373
890-7492-21	SS 176	Soluble	Solid	300.0	98373
890-7492-22	SS 138	Soluble	Solid	300.0	98373
890-7492-23	SS 420	Soluble	Solid	300.0	98373
MB 880-98373/1-A	Method Blank	Soluble	Solid	300.0	98373
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	300.0	98373
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98373
890-7492-20 MS	SS 477	Soluble	Solid	300.0	98373
890-7492-20 MSD	SS 477	Soluble	Solid	300.0	98373

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01
Date Collected: 12/19/24 08:20
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 11:51
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		5	98350	MNR	EET MID	12/20/24 13:55
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:55
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		20	98376	CH	EET MID	12/20/24 10:49

Client Sample ID: SS 20
Date Collected: 12/19/24 08:36
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:15
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:15
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 10:58

Client Sample ID: SS 64
Date Collected: 12/19/24 08:47
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 12:33
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:33
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 09:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 09:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:54

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Date Collected: 12/19/24 08:53

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:36
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:36
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:24
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:24
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:30

Client Sample ID: SS 262

Date Collected: 12/19/24 08:59

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		50	98350	MNR	EET MID	12/20/24 13:14
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:14
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:38
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:38
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:48

Client Sample ID: SS 320

Date Collected: 12/19/24 09:04

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		25	98350	MNR	EET MID	12/20/24 13:34
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:34
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:53
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:53
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:59

Client Sample ID: SS 488

Date Collected: 12/19/24 09:12

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		100	98351	MNR	EET MID	12/20/24 12:24
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:24

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488**Lab Sample ID: 890-7492-7****Date Collected: 12/19/24 09:12****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:08
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:08
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:06

Client Sample ID: SS 46**Lab Sample ID: 890-7492-8****Date Collected: 12/19/24 10:15****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 12:45
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:45
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:25
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:25
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:11

Client Sample ID: SS 107**Lab Sample ID: 890-7492-9****Date Collected: 12/19/24 10:22****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:05
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:05
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:17

Client Sample ID: SS 290**Lab Sample ID: 890-7492-10****Date Collected: 12/19/24 10:30****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:25
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:25
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:54
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:54

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 290**Lab Sample ID: 890-7492-10****Date Collected: 12/19/24 10:30****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:23

Client Sample ID: SS 339**Lab Sample ID: 890-7492-11****Date Collected: 12/19/24 10:37****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:46
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:46
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:29

Client Sample ID: SS 495**Lab Sample ID: 890-7492-12****Date Collected: 12/19/24 10:44****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 14:06
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:06
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:36

Client Sample ID: SS 129**Lab Sample ID: 890-7492-13****Date Collected: 12/19/24 11:07****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 11:49
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 11:49
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:43

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Date Collected: 12/19/24 11:19

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:10
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:10
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:00
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:00
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:50

Client Sample ID: SS 504

Date Collected: 12/19/24 11:40

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		10	98353	MNR	EET MID	12/20/24 13:32
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:32
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:15
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:15
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:12

Client Sample ID: SS 398

Date Collected: 12/19/24 11:27

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:30
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:30
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:31
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:31
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:19

Client Sample ID: SS 183

Date Collected: 12/19/24 11:44

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:51
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:51

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:47
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:47
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:26

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 13:11
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:11
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:03
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:03
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:33

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:07
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:07
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:20
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:20
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:40

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:27
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:27
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:36
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:36

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 477**Lab Sample ID: 890-7492-20****Date Collected: 12/19/24 12:02****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:48

Client Sample ID: SS 176**Lab Sample ID: 890-7492-21****Date Collected: 12/19/24 12:07****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		10	98352	MNR	EET MID	12/20/24 13:28
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:28
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:52
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:52
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:09

Client Sample ID: SS 138**Lab Sample ID: 890-7492-22****Date Collected: 12/19/24 12:17****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:48
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:48
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 14:07
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 14:07
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 10:16

Client Sample ID: SS 420**Lab Sample ID: 890-7492-23****Date Collected: 12/19/24 12:22****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 13:08
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:08
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98404	EL	EET MID	12/19/24 21:32
Total/NA	Analysis	8015B NM		1	98430	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:38

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
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- 10
- 11
- 12
- 13
- 14

Method Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7492-1	SS 01	Solid	12/19/24 08:20	12/19/24 15:45	- SURFACE
890-7492-2	SS 20	Solid	12/19/24 08:36	12/19/24 15:45	- SURFACE
890-7492-3	SS 64	Solid	12/19/24 08:47	12/19/24 15:45	- SURFACE
890-7492-4	SS 80	Solid	12/19/24 08:53	12/19/24 15:45	- SURFACE
890-7492-5	SS 262	Solid	12/19/24 08:59	12/19/24 15:45	- SURFACE
890-7492-6	SS 320	Solid	12/19/24 09:04	12/19/24 15:45	- SURFACE
890-7492-7	SS 488	Solid	12/19/24 09:12	12/19/24 15:45	- SURFACE
890-7492-8	SS 46	Solid	12/19/24 10:15	12/19/24 15:45	- SURFACE
890-7492-9	SS 107	Solid	12/19/24 10:22	12/19/24 15:45	- SURFACE
890-7492-10	SS 290	Solid	12/19/24 10:30	12/19/24 15:45	- SURFACE
890-7492-11	SS 339	Solid	12/19/24 10:37	12/19/24 15:45	- SURFACE
890-7492-12	SS 495	Solid	12/19/24 10:44	12/19/24 15:45	- SURFACE
890-7492-13	SS 129	Solid	12/19/24 11:07	12/19/24 15:45	- SURFACE
890-7492-14	SS 154	Solid	12/19/24 11:19	12/19/24 15:45	- SURFACE
890-7492-15	SS 504	Solid	12/19/24 11:40	12/19/24 15:45	- SURFACE
890-7492-16	SS 398	Solid	12/19/24 11:27	12/19/24 15:45	- SURFACE
890-7492-17	SS 183	Solid	12/19/24 11:44	12/19/24 15:45	- SURFACE
890-7492-18	SS 200	Solid	12/19/24 11:49	12/19/24 15:45	- SURFACE
890-7492-19	SS 435	Solid	12/19/24 11:53	12/19/24 15:45	- SURFACE
890-7492-20	SS 477	Solid	12/19/24 12:02	12/19/24 15:45	- SURFACE
890-7492-21	SS 176	Solid	12/19/24 12:07	12/19/24 15:45	- SURFACE
890-7492-22	SS 138	Solid	12/19/24 12:17	12/19/24 15:45	- SURFACE
890-7492-23	SS 420	Solid	12/19/24 12:22	12/19/24 15:45	- SURFACE



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 1 of 3

Project Manager: Michael Wicker
Company Name: Cotto
Address:
City, State ZIP:
Phone: 506-970-8459
Email: mwicker@cottoconsult.com

Bill to: (if different)
Company Name:
Address:
City, State ZIP:
Email:
Turn Around
☐ Routine ☒ Rush
Due Date: 12-20-2024
TAT starts the day received by the lab, if received by 4:30pm

Work Order Comments
Program: ☐ UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADAPT ☐ Other:

Project Name: Close Encounter 30114
Project Number:
Project Location: Buckeye, NM
Sampler's Name: Dakotah Cueto
PO #:
SAMPLE RECEIPT
Temp Blank: Yes ☒ No ☐ Wet Ice: Yes ☒ No ☐
Samples Received Intact: Yes ☒ No ☐ Thermometer ID: Tanner
Cooler Custody Seals: Yes ☒ No ☐ Correction Factor: -0.2
Sample Custody Seals: Yes ☒ No ☐ Temperature Reading: 5.8
Total Containers: 5.0 Corrected Temperature:

ANALYSIS REQUEST
Preservative Codes
None: NO
Cool: Cool
HCL: HC
H₂SO₄: H₂
H₃PO₄: HP
NaHSO₄: NABIS
Na₂S₂O₃: NaSO₃
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Sample Comments
SS01	S	12-19-24	08:20	Surf	C	1	
SS20	S		08:36		C	1	
SS64	S		08:47		C	1	
SS80	S		08:53		C	1	
SS262	S		08:59		C	1	
SS320	S		09:04		C	1	
SS488	S		09:12		C	1	
SS46	S		10:15		C	1	
SS107	S		10:22		C	1	
SS290	S		10:30		C	1	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>Dakotah Cueto</u>	<u>[Signature]</u>	<u>12/19 1545</u>			
3		4			
5		6			

Revised Date: 06/25/2020 Rev. 2020.2



Chain of Custody



Environment Testing

Work Order No:

Little Rock, AR (501) 224-5060

Page 2 of 3

Project Manager: Michael Wicker						Bill to: (if different) cdh consulting					
Company Name: Catto						Company Name:					
Address:						Address:					
City, State ZIP:						City, State ZIP:					
Phone: 610-970-8459						Email: mwicker@cdhconsult.com					
Project Name: Close Encounters 301H						Turn Around					
Project Number:						☐ Routine ☒ Rush					
Project Location: Buckeye, NM						Due Date: 12-20-2024					
Sampler's Name: Datoatah Cueto						TAT starts the day received by the lab, if received by 4:30pm					
PO #:											
SAMPLE RECEIPT						Parameters					
Temp Blank: Yes No						Wet Ice: Yes No					
Samples Received Intact: Yes No						Thermometer ID:					
Cooler Custody Seals: Yes No N/A						Correction Factor:					
Sample Custody Seals: Yes No N/A						Temperature Reading:					
Total Containers:						Corrected Temperature:					
Sample Identification						Matrix					
Date Sampled						Time Sampled					
Depth						# of Comp					
SS339						S 12/19/2024 10:37 Surf C 1					
SS495						S 10:44 C 1					
SS129						S 11:07 C 1					
SS154						S 11:19 C 1					
SS504						S 11:40 C 1					
SS398						S 11:27 C 1					
SS183						S 11:44 C 1					
SS200						S 11:49 C 1					
SS435						S 11:53 C 1					
SS477						S 12:02 C 1					
Total 200.7 / 6010 200.8 / 6020:						8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn					
Circle Method(s) and Metal(s) to be analyzed						TCPL / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471					
NOTES: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.											
Relinquished by: (Signature)						Received by: (Signature)					
Datoatah Cueto						2					
3						4					
4						6					



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3499
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 3 of 3

Project Manager:					
Company Name:					
Address:					
City, State ZIP:					
Phone:					
Bill To: (if different)					
Company Name:					
Address:					
City, State ZIP:					
Email:					

Turn Around							
☐ Routine				☒ Rush			
Due Date: 10-29-2004							
TAT starts the day received by the lab, if received by 4:30pm							
SAMPLE RECEIPT	Temp Blank:	Yes	No	Wet Ice:	Yes	No	
Samples Received Intact:	Yes	No	Thermometer ID:				
Cooler Custody Seals:	Yes	No	N/A	Correction Factor:			
Sample Custody Seals:	Yes	No	N/A	Temperature Reading:			
Total Containers:	Corrected Temperature:						

SAMPLE IDENTIFICATION		DATE SAMPLED		TIME SAMPLED		DEPTH		GRAVIMETRIC		# OF CONTAINERS		PRES. CODE	
SS176		3	12/9/2004	10:07	Surf	C	1						
SS138		3	?	12:17	S	C	1						
SS420		5	?	12:22	S	C	1						

ANALYSIS REQUEST		PRESERVATIVE CODES	
None: NO	DI Water: H ₂ O		
Cool: Cool	MeOH: Me		
HCL: HC	HNO ₃		
H ₂ SO ₄ : H ₂	NaOH: Na		
H ₃ PO ₄ : HP			
NaHSO ₄ : NABIS			
Na ₂ S ₂ O ₃ : NaSO ₃			
Zn Acetate+NaOH: Zn			
NaOH+Ascorbic Acid: SAPC			

RELINQUISHED BY: (Signature)		RECEIVED BY: (Signature)		DATE/TIME	

TOTAL 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K S Ag SiO₂ Na Sr Ti Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCPL / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

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RELINQUISHED BY: (Signature)		RECEIVED BY: (Signature)		DATE/TIME	

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Source: Eurofins Carlsbad

List Number: 1

Creator: Bruns, Shannon

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Source: Eurofins Midland

List Number: 2

List Creation: 12/19/24 09:21 PM

Creator: Laing, Edmundo

Question	Answer	Comment
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time (excluding tests with immediate HTs)		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").		



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Michael Wicker
CDH Consulting
9446 Clermont St,
Thornton, Colorado 80229
Generated 12/20/2024 3:02:55 PM

JOB DESCRIPTION

CLOSE ENCOUNTER 301 H
BUCKEYE

JOB NUMBER

890-7492-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

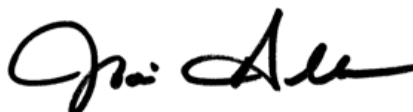
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
12/20/2024 3:02:55 PM

Authorized for release by
Jodi Allen, Project Manager I
Jodi.Allen@et.eurofinsus.com
(281)520-2865

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Laboratory Job ID: 890-7492-1
SDG: BUCKEYE

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Definitions/Glossary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

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Job Narrative
890-7492-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 12/19/2024 3:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 64 (890-7492-3), SS 80 (890-7492-4), SS 262 (890-7492-5), SS 320 (890-7492-6), SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11), SS 495 (890-7492-12), SS 129 (890-7492-13), SS 154 (890-7492-14), SS 504 (890-7492-15), SS 398 (890-7492-16), SS 183 (890-7492-17), SS 200 (890-7492-18), SS 435 (890-7492-19), SS 477 (890-7492-20), SS 176 (890-7492-21), SS 138 (890-7492-22) and SS 420 (890-7492-23).

GC VOA

Method 8021B: The following samples were diluted due to physical characteristics such as color, odor, appearance, viscosity, etc. >>: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 80 (890-7492-4), SS 262 (890-7492-5) and SS 320 (890-7492-6). Elevated reporting limits (RL) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 01 (890-7492-1), SS 20 (890-7492-2) and SS 64 (890-7492-3). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 398 (890-7492-16) and SS 200 (890-7492-18). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SS 176 (890-7492-21). Evidence of matrix interferences is not obvious.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11) and SS 495 (890-7492-12). Elevated reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 46 (890-7492-8), SS 290 (890-7492-10) and SS 495 (890-7492-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: SS 504 (890-7492-15). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-98402/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98402 and analytical batch 880-98425 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within

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Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1 (Continued)

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acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SS 262 (890-7492-5). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Due to the high concentration of Diesel Range Organics (Over C10-C28), the matrix spike (MS) for preparation batch 880-98403 and analytical batch 880-98427 could not be evaluated for accuracy. The associated matrix spike duplicate (MSD) met acceptance criteria.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SS 477 (890-7492-20), (LCS 880-98403/2-A) and (LCSD 880-98403/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The method blank for preparation batch 880-98404 and analytical batch 880-98430 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-98404/2-A) and (LCSD 880-98404/3-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-98404 and analytical batch 880-98430 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The laboratory control sample (LCS) for preparation batch 880-98403 and analytical batch 880-98427 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10. Since only an acceptable LCSD is required per the method, the LCSD shows recovery for the batch and the data has been qualified and reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98374 and analytical batch 880-98376 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01

Lab Sample ID: 890-7492-1

Date Collected: 12/19/24 08:20

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0101	U	0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Ethylbenzene	0.0947		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Toluene	0.0306		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Xylenes, Total	1.81		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
m-Xylene & p-Xylene	0.0449		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
o-Xylene	1.77		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:24	12/20/24 11:51	20
1,4-Difluorobenzene (Surr)	124		70 - 130				12/20/24 08:24	12/20/24 11:51	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.94		0.0202		mg/Kg			12/20/24 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	287		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	287		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				12/19/24 21:26	12/20/24 12:09	1
o-Terphenyl	86		70 - 130				12/19/24 21:26	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17600		199		mg/Kg			12/20/24 10:49	20

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Ethylbenzene	0.0420		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Toluene	0.0216		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Xylenes, Total	0.350		0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
m-Xylene & p-Xylene	<0.0401	U	0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
o-Xylene	0.350		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				12/20/24 08:24	12/20/24 14:15	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	136	S1+	70 - 130	12/20/24 08:24	12/20/24 14:15	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.414		0.0401		mg/Kg			12/20/24 14:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	110		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	110		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				12/19/24 21:26	12/20/24 12:23	1
o-Terphenyl	77		70 - 130				12/19/24 21:26	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300	F1	49.9		mg/Kg			12/20/24 10:58	5

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Ethylbenzene	0.242		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Toluene	0.0581		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Xylenes, Total	0.781		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
m-Xylene & p-Xylene	0.189		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
o-Xylene	0.592		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20
1,4-Difluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.08		0.0795		mg/Kg			12/20/24 12:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	631		50.0		mg/Kg			12/20/24 09:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Diesel Range Organics (Over C10-C28)	631	F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 09:40	1
o-Terphenyl	78		70 - 130				12/19/24 21:28	12/20/24 09:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3110		50.2		mg/Kg			12/20/24 11:54	5

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Ethylbenzene	0.0344		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Toluene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Xylenes, Total	0.680		0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
m-Xylene & p-Xylene	<0.0399	U	0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
o-Xylene	0.680		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				12/20/24 08:24	12/20/24 14:36	10
1,4-Difluorobenzene (Surr)	106		70 - 130				12/20/24 08:24	12/20/24 14:36	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.714		0.0399		mg/Kg			12/20/24 14:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	188		50.0		mg/Kg			12/20/24 10:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Diesel Range Organics (Over C10-C28)	188		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				12/19/24 21:28	12/20/24 10:24	1
o-Terphenyl	74		70 - 130				12/19/24 21:28	12/20/24 10:24	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3070		100		mg/Kg			12/20/24 11:30	10

Client Sample ID: SS 262

Lab Sample ID: 890-7492-5

Date Collected: 12/19/24 08:59

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Ethylbenzene	0.966		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Toluene	0.415		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Xylenes, Total	1.51		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
m-Xylene & p-Xylene	0.756		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
o-Xylene	0.754		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				12/20/24 08:24	12/20/24 13:14	50
1,4-Difluorobenzene (Surr)	122		70 - 130				12/20/24 08:24	12/20/24 13:14	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.89		0.202		mg/Kg			12/20/24 13:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	463		50.0		mg/Kg			12/20/24 10:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Diesel Range Organics (Over C10-C28)	463		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				12/19/24 21:28	12/20/24 10:38	1
o-Terphenyl	69	S1-	70 - 130				12/19/24 21:28	12/20/24 10:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4470		99.4		mg/Kg			12/20/24 11:48	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 320

Lab Sample ID: 890-7492-6

Date Collected: 12/19/24 09:04

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0503	U	0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Ethylbenzene	0.537		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Toluene	0.125		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Xylenes, Total	1.20		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
m-Xylene & p-Xylene	0.454		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
o-Xylene	0.746		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				12/20/24 08:24	12/20/24 13:34	25
1,4-Difluorobenzene (Surr)	126		70 - 130				12/20/24 08:24	12/20/24 13:34	25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.86		0.101		mg/Kg			12/20/24 13:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	876		49.7		mg/Kg			12/20/24 10:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Diesel Range Organics (Over C10-C28)	876		49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				12/19/24 21:28	12/20/24 10:53	1
o-Terphenyl	75		70 - 130				12/19/24 21:28	12/20/24 10:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3410		49.8		mg/Kg			12/20/24 11:59	5

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.199	U	0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Ethylbenzene	1.92		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Toluene	0.602		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Xylenes, Total	3.04		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
m-Xylene & p-Xylene	1.78		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
o-Xylene	1.26		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				12/20/24 08:27	12/20/24 12:24	100

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	100		70 - 130	12/20/24 08:27	12/20/24 12:24	100

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	5.56		0.398		mg/Kg			12/20/24 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2500		49.8		mg/Kg			12/20/24 11:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.7		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Diesel Range Organics (Over C10-C28)	2410		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:08	1
o-Terphenyl	95		70 - 130				12/19/24 21:28	12/20/24 11:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3680		49.6		mg/Kg			12/20/24 12:06	5

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.11		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Ethylbenzene	9.28		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Toluene	7.96		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Xylenes, Total	10.9		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
m-Xylene & p-Xylene	6.88		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
o-Xylene	4.05		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130				12/20/24 08:27	12/20/24 12:45	50
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:27	12/20/24 12:45	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	29.3		0.200		mg/Kg			12/20/24 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1330		49.9		mg/Kg			12/20/24 11:25	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	95.0		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Diesel Range Organics (Over C10-C28)	1230		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:25	1
o-Terphenyl	81		70 - 130				12/19/24 21:28	12/20/24 11:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5420		101		mg/Kg			12/20/24 12:11	10

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Ethylbenzene	1.52		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Toluene	0.807		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Xylenes, Total	4.70		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
m-Xylene & p-Xylene	3.88		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
o-Xylene	0.815		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				12/20/24 08:27	12/20/24 13:05	50
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:27	12/20/24 13:05	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	7.02		0.202		mg/Kg			12/20/24 13:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	60.0		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Diesel Range Organics (Over C10-C28)	1450		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:40	1
o-Terphenyl	86		70 - 130				12/19/24 21:28	12/20/24 11:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5250		99.4		mg/Kg			12/20/24 12:17	10

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.151		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Ethylbenzene	3.30		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Toluene	1.75		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Xylenes, Total	4.33		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
m-Xylene & p-Xylene	2.60		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
o-Xylene	1.73		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:27	12/20/24 13:25	50
1,4-Difluorobenzene (Surr)	100		70 - 130				12/20/24 08:27	12/20/24 13:25	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	9.53		0.201		mg/Kg			12/20/24 13:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2470		49.8		mg/Kg			12/20/24 11:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	129		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Diesel Range Organics (Over C10-C28)	2340		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				12/19/24 21:28	12/20/24 11:54	1
o-Terphenyl	105		70 - 130				12/19/24 21:28	12/20/24 11:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5400		99.8		mg/Kg			12/20/24 12:23	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.106		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Ethylbenzene	3.81		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Toluene	1.12		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Xylenes, Total	5.28		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
m-Xylene & p-Xylene	3.48		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
o-Xylene	1.80		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				12/20/24 08:27	12/20/24 13:46	50
1,4-Difluorobenzene (Surr)	99		70 - 130				12/20/24 08:27	12/20/24 13:46	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	10.3		0.200		mg/Kg			12/20/24 13:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3950		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	154		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	3800		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:28	12/20/24 12:09	1
o-Terphenyl	121		70 - 130				12/19/24 21:28	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4280		49.9		mg/Kg			12/20/24 12:29	5

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0994	U	0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Ethylbenzene	5.40		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Toluene	1.34		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Xylenes, Total	7.57		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
m-Xylene & p-Xylene	4.90		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
o-Xylene	2.67		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130				12/20/24 08:27	12/20/24 14:06	50

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	12/20/24 08:27	12/20/24 14:06	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	14.3		0.199		mg/Kg			12/20/24 14:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3070		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	177		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	2890		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:28	12/20/24 12:23	1
o-Terphenyl	108		70 - 130				12/19/24 21:28	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3660		49.6		mg/Kg			12/20/24 08:36	5

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Ethylbenzene	0.0238		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Toluene	0.00837		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Xylenes, Total	0.0306		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
m-Xylene & p-Xylene	0.0204		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
o-Xylene	0.0102		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	12/20/24 08:33	12/20/24 11:49	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/20/24 08:33	12/20/24 11:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0628		0.00404		mg/Kg			12/20/24 11:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	538		49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Diesel Range Organics (Over C10-C28)	538	F1	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 11:11	1
o-Terphenyl	79		70 - 130				12/19/24 21:30	12/20/24 11:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3350		50.0		mg/Kg			12/20/24 08:43	5

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Ethylbenzene	0.0475		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Toluene	0.0124		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Xylenes, Total	0.0632		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
m-Xylene & p-Xylene	0.0373		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
o-Xylene	0.0259		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				12/20/24 08:33	12/20/24 12:10	1
1,4-Difluorobenzene (Surr)	93		70 - 130				12/20/24 08:33	12/20/24 12:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.123		0.00401		mg/Kg			12/20/24 12:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2710		49.8		mg/Kg			12/20/24 12:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Diesel Range Organics (Over C10-C28)	2710		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 12:00	1
o-Terphenyl	120		70 - 130				12/19/24 21:30	12/20/24 12:00	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1710		50.3		mg/Kg			12/20/24 08:50	5

Client Sample ID: SS 504

Lab Sample ID: 890-7492-15

Date Collected: 12/19/24 11:40

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Ethylbenzene	0.563		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Toluene	0.173		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Xylenes, Total	0.464		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
m-Xylene & p-Xylene	0.290		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
o-Xylene	0.174		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				12/20/24 08:33	12/20/24 13:32	10
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:33	12/20/24 13:32	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.20		0.0398		mg/Kg			12/20/24 13:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 12:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Diesel Range Organics (Over C10-C28)	1510		50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				12/19/24 21:30	12/20/24 12:15	1
o-Terphenyl	97		70 - 130				12/19/24 21:30	12/20/24 12:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2990		50.0		mg/Kg			12/20/24 09:12	5

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 398

Lab Sample ID: 890-7492-16

Date Collected: 12/19/24 11:27

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0262		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Ethylbenzene	0.199		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Toluene	0.168		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Xylenes, Total	0.269		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
m-Xylene & p-Xylene	0.158		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
o-Xylene	0.111		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	12/20/24 08:33	12/20/24 12:30	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:33	12/20/24 12:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.662		0.00399		mg/Kg			12/20/24 12:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3130		49.9		mg/Kg			12/20/24 12:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.1	*+	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Diesel Range Organics (Over C10-C28)	3040		49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	12/19/24 21:30	12/20/24 12:31	1
o-Terphenyl	120		70 - 130	12/19/24 21:30	12/20/24 12:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2960		50.1		mg/Kg			12/20/24 09:19	5

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Ethylbenzene	0.0487		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Toluene	0.00442		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Xylenes, Total	0.0402		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
m-Xylene & p-Xylene	0.0276		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
o-Xylene	0.0126		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	12/20/24 08:33	12/20/24 12:51	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	75		70 - 130	12/20/24 08:33	12/20/24 12:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0933		0.00404		mg/Kg			12/20/24 12:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	311		49.8		mg/Kg			12/20/24 12:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Diesel Range Organics (Over C10-C28)	311		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				12/19/24 21:30	12/20/24 12:47	1
o-Terphenyl	77		70 - 130				12/19/24 21:30	12/20/24 12:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.8		9.96		mg/Kg			12/20/24 09:26	1

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Ethylbenzene	0.191		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Toluene	0.110		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Xylenes, Total	0.265		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
m-Xylene & p-Xylene	0.156		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
o-Xylene	0.109		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130	12/20/24 08:33	12/20/24 13:11	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 13:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.566		0.00402		mg/Kg			12/20/24 13:11	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2050		49.9		mg/Kg			12/20/24 13:03	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Diesel Range Organics (Over C10-C28)	2050		49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				12/19/24 21:30	12/20/24 13:03	1
o-Terphenyl	106		70 - 130				12/19/24 21:30	12/20/24 13:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	930		10.0		mg/Kg			12/20/24 09:33	1

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Ethylbenzene	0.00665		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Toluene	0.00205		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Xylenes, Total	0.0105		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
m-Xylene & p-Xylene	0.00628		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
o-Xylene	0.00418		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				12/20/24 08:30	12/20/24 12:07	1
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 12:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0192		0.00404		mg/Kg			12/20/24 12:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	601		49.7		mg/Kg			12/20/24 13:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U **	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Diesel Range Organics (Over C10-C28)	601		49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				12/19/24 21:30	12/20/24 13:20	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 13:20	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3030		49.7		mg/Kg			12/20/24 09:40	5

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Xylenes, Total	0.133		0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
o-Xylene	0.133		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				12/20/24 08:30	12/20/24 12:27	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/20/24 08:30	12/20/24 12:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.133		0.00401		mg/Kg			12/20/24 12:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/20/24 13:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 13:36	1
o-Terphenyl	66	S1-	70 - 130				12/19/24 21:30	12/20/24 13:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		10.0		mg/Kg			12/20/24 09:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Ethylbenzene	0.950		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Toluene	0.199		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Xylenes, Total	1.58		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
m-Xylene & p-Xylene	0.943		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
o-Xylene	0.636		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	193	S1+	70 - 130				12/20/24 08:30	12/20/24 13:28	10
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 13:28	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.73		0.0398		mg/Kg			12/20/24 13:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2110		49.8		mg/Kg			12/20/24 13:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Diesel Range Organics (Over C10-C28)	2110		49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:30	12/20/24 13:52	1
o-Terphenyl	112		70 - 130				12/19/24 21:30	12/20/24 13:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	812		9.98		mg/Kg			12/20/24 10:09	1

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Ethylbenzene	0.0120		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Toluene	0.00377		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Xylenes, Total	0.0233		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
m-Xylene & p-Xylene	0.0102		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
o-Xylene	0.0131		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				12/20/24 08:30	12/20/24 12:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130	12/20/24 08:30	12/20/24 12:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0391		0.00399		mg/Kg			12/20/24 12:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	573		49.8		mg/Kg			12/20/24 14:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Diesel Range Organics (Over C10-C28)	573		49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 14:07	1
o-Terphenyl	78		70 - 130				12/19/24 21:30	12/20/24 14:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2650		50.1		mg/Kg			12/20/24 10:16	5

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Xylenes, Total	0.0889		0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
o-Xylene	0.0889		0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	12/20/24 08:30	12/20/24 13:08	1
1,4-Difluorobenzene (Surr)	91		70 - 130	12/20/24 08:30	12/20/24 13:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0889		0.00404		mg/Kg			12/20/24 13:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 420
Date Collected: 12/19/24 12:22
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-23
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	104		70 - 130				12/19/24 21:32	12/20/24 11:11	1	
o-Terphenyl	109		70 - 130				12/19/24 21:32	12/20/24 11:11	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	162		9.94		mg/Kg			12/20/24 10:38	1	

Surrogate Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-7492-1	SS 01	131 S1+	124
890-7492-2	SS 20	128	136 S1+
890-7492-3	SS 64	137 S1+	131 S1+
890-7492-4	SS 80	144 S1+	106
890-7492-5	SS 262	125	122
890-7492-6	SS 320	126	126
890-7492-7	SS 488	106	100
890-7492-8	SS 46	171 S1+	94
890-7492-9	SS 107	107	101
890-7492-10	SS 290	131 S1+	100
890-7492-11	SS 339	122	99
890-7492-12	SS 495	139 S1+	104
890-7492-13	SS 129	109	95
890-7492-14	SS 154	99	93
890-7492-15	SS 504	110	94
890-7492-16	SS 398	141 S1+	96
890-7492-17	SS 183	88	75
890-7492-18	SS 200	159 S1+	93
890-7492-19	SS 435	113	104
890-7492-20	SS 477	98	95
890-7492-21	SS 176	193 S1+	104
890-7492-22	SS 138	115	103
890-7492-23	SS 420	95	91
LCS 880-98432/1-A	Lab Control Sample	101	96
LCS 880-98433/1-A	Lab Control Sample	96	103
LCS 880-98434/1-A	Lab Control Sample	107	104
LCS 880-98435/1-A	Lab Control Sample	106	99
LCSD 880-98432/2-A	Lab Control Sample Dup	103	99
LCSD 880-98433/2-A	Lab Control Sample Dup	94	103
LCSD 880-98434/2-A	Lab Control Sample Dup	109	103
LCSD 880-98435/2-A	Lab Control Sample Dup	108	98
MB 880-98432/5-A	Method Blank	112	85
MB 880-98433/5-A	Method Blank	98	96
MB 880-98434/5-A	Method Blank	111	101
MB 880-98435/5-A	Method Blank	92	93
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-1	SS 01	83	86
890-7492-2	SS 20	76	77
890-7492-3	SS 64	75	78
890-7492-3 MS	SS 64	78	76

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Surrogate Summary

Client: CDH Consulting

Job ID: 890-7492-1

Project/Site: CLOSE ENCOUNTER 301 H

SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-3 MSD	SS 64	77	76
890-7492-4	SS 80	73	74
890-7492-5	SS 262	70	69 S1-
890-7492-6	SS 320	74	75
890-7492-7	SS 488	75	95
890-7492-8	SS 46	75	81
890-7492-9	SS 107	75	86
890-7492-10	SS 290	85	105
890-7492-11	SS 339	84	121
890-7492-12	SS 495	88	108
890-7492-13	SS 129	84	79
890-7492-13 MS	SS 129	80	81
890-7492-13 MSD	SS 129	79	81
890-7492-14	SS 154	84	120
890-7492-15	SS 504	92	97
890-7492-16	SS 398	85	120
890-7492-17	SS 183	87	77
890-7492-18	SS 200	82	106
890-7492-19	SS 435	77	74
890-7492-20	SS 477	81	66 S1-
890-7492-21	SS 176	88	112
890-7492-22	SS 138	81	78
890-7492-23	SS 420	104	109
890-7492-23 MS	SS 420	92	99
890-7492-23 MSD	SS 420	92	99
LCS 880-98401/2-A	Lab Control Sample	118	102
LCS 880-98402/2-A	Lab Control Sample	121	104
LCS 880-98403/2-A	Lab Control Sample	136 S1+	123
LCS 880-98404/2-A	Lab Control Sample	158 S1+	172 S1+
LCSD 880-98401/3-A	Lab Control Sample Dup	110	95
LCSD 880-98402/3-A	Lab Control Sample Dup	145 S1+	123
LCSD 880-98403/3-A	Lab Control Sample Dup	133 S1+	120
LCSD 880-98404/3-A	Lab Control Sample Dup	166 S1+	175 S1+
MB 880-98401/1-A	Method Blank	81	80
MB 880-98402/1-A	Method Blank	75	75
MB 880-98403/1-A	Method Blank	91	74
MB 880-98404/1-A	Method Blank	93	96
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-98432/5-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	12/20/24 08:24	12/20/24 11:08	1
1,4-Difluorobenzene (Surr)	85		70 - 130	12/20/24 08:24	12/20/24 11:08	1

Lab Sample ID: LCS 880-98432/1-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1137		mg/Kg		114	70 - 130
Ethylbenzene	0.100	0.1107		mg/Kg		111	70 - 130
Toluene	0.100	0.1082		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2221		mg/Kg		111	70 - 130
o-Xylene	0.100	0.1128		mg/Kg		113	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-98432/2-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1182		mg/Kg		118	70 - 130	4	35
Ethylbenzene	0.100	0.1145		mg/Kg		114	70 - 130	3	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2282		mg/Kg		114	70 - 130	3	35
o-Xylene	0.100	0.1165		mg/Kg		117	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	12/20/24 08:27	12/20/24 11:02	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:27	12/20/24 11:02	1

Lab Sample ID: LCS 880-98433/1-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1001		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09410		mg/Kg		94	70 - 130
Toluene	0.100	0.09371		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1885		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09536		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-98433/2-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1048		mg/Kg		105	70 - 130	5	35
Ethylbenzene	0.100	0.09886		mg/Kg		99	70 - 130	5	35
Toluene	0.100	0.09817		mg/Kg		98	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1969		mg/Kg		98	70 - 130	4	35
o-Xylene	0.100	0.09974		mg/Kg		100	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	111		70 - 130				12/20/24 08:30	12/20/24 11:25	1
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:30	12/20/24 11:25	1

Lab Sample ID: LCS 880-98434/1-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits		
		Result	Qualifier						
Benzene	0.100	0.1149		mg/Kg		115	70 - 130		
Ethylbenzene	0.100	0.1100		mg/Kg		110	70 - 130		
Toluene	0.100	0.1116		mg/Kg		112	70 - 130		
m-Xylene & p-Xylene	0.200	0.2234		mg/Kg		112	70 - 130		
o-Xylene	0.100	0.1142		mg/Kg		114	70 - 130		
Surrogate	LCS	LCS	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	107		70 - 130						
1,4-Difluorobenzene (Surr)	104		70 - 130						

Lab Sample ID: LCSD 880-98434/2-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.1162		mg/Kg		116	70 - 130	1	35
Ethylbenzene	0.100	0.1102		mg/Kg		110	70 - 130	0	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2247		mg/Kg		112	70 - 130	1	35
o-Xylene	0.100	0.1148		mg/Kg		115	70 - 130	1	35
Surrogate	LCSD	LCSD	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	109		70 - 130						
1,4-Difluorobenzene (Surr)	103		70 - 130						

Lab Sample ID: MB 880-98435/5-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98435

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	12/20/24 08:33	12/20/24 11:07	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 11:07	1

Lab Sample ID: LCS 880-98435/1-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1025		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.1037		mg/Kg		104	70 - 130
Toluene	0.100	0.1077		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2015		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1117		mg/Kg		112	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-98435/2-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1068		mg/Kg		107	70 - 130	4	35
Ethylbenzene	0.100	0.1065		mg/Kg		107	70 - 130	3	35
Toluene	0.100	0.1103		mg/Kg		110	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2041		mg/Kg		102	70 - 130	1	35
o-Xylene	0.100	0.1136		mg/Kg		114	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-98401/1-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98401

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130	12/19/24 21:26	12/20/24 00:11	1
o-Terphenyl	80		70 - 130	12/19/24 21:26	12/20/24 00:11	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98401/2-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98401

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1058		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	960.9		mg/Kg		96	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	118		70 - 130				
o-Terphenyl	102		70 - 130				

Lab Sample ID: LCSD 880-98401/3-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98401

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1005		mg/Kg		101	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	903.5		mg/Kg		90	70 - 130	6	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	110		70 - 130						
o-Terphenyl	95		70 - 130						

Lab Sample ID: MB 880-98402/1-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 98402

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1-Chlorooctane	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	
o-Terphenyl	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	

Lab Sample ID: LCS 880-98402/2-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1061		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1028		mg/Kg		103	70 - 130

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98402/2-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98402

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: LCSD 880-98402/3-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98402

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1288		mg/Kg		129	70 - 130	19	20
Diesel Range Organics (Over C10-C28)			1000	1231		mg/Kg		123	70 - 130	18	20
Surrogate	LCSD	LCSD									
	%Recovery	Qualifier									
1-Chlorooctane	145	S1+									
o-Terphenyl	123										

Lab Sample ID: 890-7492-3 MS
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: SS 64
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	665.3	F1	mg/Kg		67	70 - 130		
Diesel Range Organics (Over C10-C28)	631	F1	998	1155	F1	mg/Kg		53	70 - 130		
Surrogate	MS	MS									
	%Recovery	Qualifier									
1-Chlorooctane	78										
o-Terphenyl	76										

Lab Sample ID: 890-7492-3 MSD
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: SS 64
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	660.4	F1	mg/Kg		66	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	631	F1	998	1141	F1	mg/Kg		51	70 - 130	1	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier									
1-Chlorooctane	77										
o-Terphenyl	76										

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-98403/1-A							Client Sample ID: Method Blank		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 98427							Prep Batch: 98403		
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				12/19/24 21:30	12/20/24 09:12	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 09:12	1

Lab Sample ID: LCS 880-98403/2-A							Client Sample ID: Lab Control Sample		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 98427							Prep Batch: 98403		
Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Gasoline Range Organics (GRO)-C6-C10		1000	1333	*+	mg/Kg		133	70 - 130	
Diesel Range Organics (Over C10-C28)		1000	1178		mg/Kg		118	70 - 130	
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	136	S1+	70 - 130						
o-Terphenyl	123		70 - 130						

Lab Sample ID: LCSD 880-98403/3-A							Client Sample ID: Lab Control Sample Dup			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 98427							Prep Batch: 98403			
Analyte		Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10		1000	1180		mg/Kg		118	70 - 130	12	20
Diesel Range Organics (Over C10-C28)		1000	1166		mg/Kg		117	70 - 130	1	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits							
1-Chlorooctane	133	S1+	70 - 130							
o-Terphenyl	120		70 - 130							

Lab Sample ID: 890-7492-13 MS							Client Sample ID: SS 129		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 98427							Prep Batch: 98403		
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	997	729.6		mg/Kg		73	70 - 130
Diesel Range Organics (Over C10-C28)	538	F1	997	1207	F1	mg/Kg		67	70 - 130

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	80		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: 890-7492-13 MSD

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	997	855.4		mg/Kg		86	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	538	F1	997	1282		mg/Kg		75	70 - 130	6	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	79		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: MB 880-98404/1-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98404

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	93		70 - 130	12/19/24 21:32	12/20/24 09:12	1			
o-Terphenyl	96		70 - 130	12/19/24 21:32	12/20/24 09:12	1			

Lab Sample ID: LCS 880-98404/2-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1398	*+	mg/Kg		140	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1468	*+	mg/Kg		147	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	158	S1+	70 - 130
o-Terphenyl	172	S1+	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-98404/3-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1465	*+	mg/Kg		147	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	1590	*+	mg/Kg		159	70 - 130	8	20
		LCSD %Recovery	LCSD Qualifier						
Surrogate				Limits					
1-Chlorooctane		166	S1+	70 - 130					
o-Terphenyl		175	S1+	70 - 130					

Lab Sample ID: 890-7492-23 MS

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: SS 420

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	781.1		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	867.3		mg/Kg		84	70 - 130		
		MS %Recovery	MS Qualifier								
Surrogate				Limits							
1-Chlorooctane		92		70 - 130							
o-Terphenyl		99		70 - 130							

Lab Sample ID: 890-7492-23 MSD

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: SS 420

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	804.1		mg/Kg		80	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	863.1		mg/Kg		84	70 - 130	0	20
		MSD %Recovery	MSD Qualifier								
Surrogate				Limits							
1-Chlorooctane		92		70 - 130							
o-Terphenyl		99		70 - 130							

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-98374/1-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 08:34	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-98374/2-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.6		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-98374/3-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	245.0		mg/Kg		98	90 - 110	2	20

Lab Sample ID: 890-7492-2 MS

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1300	F1	1250	3073	F1	mg/Kg		142	90 - 110

Lab Sample ID: 890-7492-2 MSD

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1300	F1	1250	3070	F1	mg/Kg		142	90 - 110	0	20

Lab Sample ID: MB 880-98373/1-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 03:00	1

Lab Sample ID: LCS 880-98373/2-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	258.6		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-98373/3-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	257.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-7492-20 MS

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: SS 477

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	126		257	387.5		mg/Kg		102	90 - 110

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-7492-20 MSD							Client Sample ID: SS 477					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 98377												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	126		248	372.8		mg/Kg		100	90 - 110	4	20	

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA

Analysis Batch: 98350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-2	SS 20	Total/NA	Solid	8021B	98432
890-7492-3	SS 64	Total/NA	Solid	8021B	98432
890-7492-4	SS 80	Total/NA	Solid	8021B	98432
890-7492-5	SS 262	Total/NA	Solid	8021B	98432
890-7492-6	SS 320	Total/NA	Solid	8021B	98432
MB 880-98432/5-A	Method Blank	Total/NA	Solid	8021B	98432
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	8021B	98432
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98432

Analysis Batch: 98351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	8021B	98433
890-7492-8	SS 46	Total/NA	Solid	8021B	98433
890-7492-9	SS 107	Total/NA	Solid	8021B	98433
890-7492-10	SS 290	Total/NA	Solid	8021B	98433
890-7492-11	SS 339	Total/NA	Solid	8021B	98433
890-7492-12	SS 495	Total/NA	Solid	8021B	98433
MB 880-98433/5-A	Method Blank	Total/NA	Solid	8021B	98433
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	8021B	98433
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98433

Analysis Batch: 98352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	8021B	98434
890-7492-20	SS 477	Total/NA	Solid	8021B	98434
890-7492-21	SS 176	Total/NA	Solid	8021B	98434
890-7492-22	SS 138	Total/NA	Solid	8021B	98434
890-7492-23	SS 420	Total/NA	Solid	8021B	98434
MB 880-98434/5-A	Method Blank	Total/NA	Solid	8021B	98434
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	8021B	98434
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98434

Analysis Batch: 98353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8021B	98435
890-7492-14	SS 154	Total/NA	Solid	8021B	98435
890-7492-15	SS 504	Total/NA	Solid	8021B	98435
890-7492-16	SS 398	Total/NA	Solid	8021B	98435
890-7492-17	SS 183	Total/NA	Solid	8021B	98435
890-7492-18	SS 200	Total/NA	Solid	8021B	98435
MB 880-98435/5-A	Method Blank	Total/NA	Solid	8021B	98435
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	8021B	98435
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98435

Prep Batch: 98432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	5035	
890-7492-2	SS 20	Total/NA	Solid	5035	
890-7492-3	SS 64	Total/NA	Solid	5035	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Prep Batch: 98432 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-4	SS 80	Total/NA	Solid	5035	
890-7492-5	SS 262	Total/NA	Solid	5035	
890-7492-6	SS 320	Total/NA	Solid	5035	
MB 880-98432/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	5035	
890-7492-8	SS 46	Total/NA	Solid	5035	
890-7492-9	SS 107	Total/NA	Solid	5035	
890-7492-10	SS 290	Total/NA	Solid	5035	
890-7492-11	SS 339	Total/NA	Solid	5035	
890-7492-12	SS 495	Total/NA	Solid	5035	
MB 880-98433/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	5035	
890-7492-20	SS 477	Total/NA	Solid	5035	
890-7492-21	SS 176	Total/NA	Solid	5035	
890-7492-22	SS 138	Total/NA	Solid	5035	
890-7492-23	SS 420	Total/NA	Solid	5035	
MB 880-98434/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	5035	
890-7492-14	SS 154	Total/NA	Solid	5035	
890-7492-15	SS 504	Total/NA	Solid	5035	
890-7492-16	SS 398	Total/NA	Solid	5035	
890-7492-17	SS 183	Total/NA	Solid	5035	
890-7492-18	SS 200	Total/NA	Solid	5035	
MB 880-98435/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 98498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	Total BTEX	
890-7492-2	SS 20	Total/NA	Solid	Total BTEX	
890-7492-3	SS 64	Total/NA	Solid	Total BTEX	
890-7492-4	SS 80	Total/NA	Solid	Total BTEX	
890-7492-5	SS 262	Total/NA	Solid	Total BTEX	
890-7492-6	SS 320	Total/NA	Solid	Total BTEX	
890-7492-7	SS 488	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Analysis Batch: 98498 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-8	SS 46	Total/NA	Solid	Total BTEX	
890-7492-9	SS 107	Total/NA	Solid	Total BTEX	
890-7492-10	SS 290	Total/NA	Solid	Total BTEX	
890-7492-11	SS 339	Total/NA	Solid	Total BTEX	
890-7492-12	SS 495	Total/NA	Solid	Total BTEX	
890-7492-13	SS 129	Total/NA	Solid	Total BTEX	
890-7492-14	SS 154	Total/NA	Solid	Total BTEX	
890-7492-15	SS 504	Total/NA	Solid	Total BTEX	
890-7492-16	SS 398	Total/NA	Solid	Total BTEX	
890-7492-17	SS 183	Total/NA	Solid	Total BTEX	
890-7492-18	SS 200	Total/NA	Solid	Total BTEX	
890-7492-19	SS 435	Total/NA	Solid	Total BTEX	
890-7492-20	SS 477	Total/NA	Solid	Total BTEX	
890-7492-21	SS 176	Total/NA	Solid	Total BTEX	
890-7492-22	SS 138	Total/NA	Solid	Total BTEX	
890-7492-23	SS 420	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 98401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015NM Prep	
890-7492-2	SS 20	Total/NA	Solid	8015NM Prep	
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 98402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-4	SS 80	Total/NA	Solid	8015NM Prep	
890-7492-5	SS 262	Total/NA	Solid	8015NM Prep	
890-7492-6	SS 320	Total/NA	Solid	8015NM Prep	
890-7492-7	SS 488	Total/NA	Solid	8015NM Prep	
890-7492-8	SS 46	Total/NA	Solid	8015NM Prep	
890-7492-9	SS 107	Total/NA	Solid	8015NM Prep	
890-7492-10	SS 290	Total/NA	Solid	8015NM Prep	
890-7492-11	SS 339	Total/NA	Solid	8015NM Prep	
890-7492-12	SS 495	Total/NA	Solid	8015NM Prep	
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-3 MS	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-3 MSD	SS 64	Total/NA	Solid	8015NM Prep	

Prep Batch: 98403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-14	SS 154	Total/NA	Solid	8015NM Prep	
890-7492-15	SS 504	Total/NA	Solid	8015NM Prep	
890-7492-16	SS 398	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Prep Batch: 98403 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-17	SS 183	Total/NA	Solid	8015NM Prep	
890-7492-18	SS 200	Total/NA	Solid	8015NM Prep	
890-7492-19	SS 435	Total/NA	Solid	8015NM Prep	
890-7492-20	SS 477	Total/NA	Solid	8015NM Prep	
890-7492-21	SS 176	Total/NA	Solid	8015NM Prep	
890-7492-22	SS 138	Total/NA	Solid	8015NM Prep	
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-13 MS	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-13 MSD	SS 129	Total/NA	Solid	8015NM Prep	

Prep Batch: 98404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015NM Prep	
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-23 MS	SS 420	Total/NA	Solid	8015NM Prep	
890-7492-23 MSD	SS 420	Total/NA	Solid	8015NM Prep	

Analysis Batch: 98423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015B NM	98401
890-7492-2	SS 20	Total/NA	Solid	8015B NM	98401
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015B NM	98401
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98401
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98401

Analysis Batch: 98425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-4	SS 80	Total/NA	Solid	8015B NM	98402
890-7492-5	SS 262	Total/NA	Solid	8015B NM	98402
890-7492-6	SS 320	Total/NA	Solid	8015B NM	98402
890-7492-7	SS 488	Total/NA	Solid	8015B NM	98402
890-7492-8	SS 46	Total/NA	Solid	8015B NM	98402
890-7492-9	SS 107	Total/NA	Solid	8015B NM	98402
890-7492-10	SS 290	Total/NA	Solid	8015B NM	98402
890-7492-11	SS 339	Total/NA	Solid	8015B NM	98402
890-7492-12	SS 495	Total/NA	Solid	8015B NM	98402
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015B NM	98402
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98402
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98402
890-7492-3 MS	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-3 MSD	SS 64	Total/NA	Solid	8015B NM	98402

Analysis Batch: 98427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-14	SS 154	Total/NA	Solid	8015B NM	98403

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Analysis Batch: 98427 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-15	SS 504	Total/NA	Solid	8015B NM	98403
890-7492-16	SS 398	Total/NA	Solid	8015B NM	98403
890-7492-17	SS 183	Total/NA	Solid	8015B NM	98403
890-7492-18	SS 200	Total/NA	Solid	8015B NM	98403
890-7492-19	SS 435	Total/NA	Solid	8015B NM	98403
890-7492-20	SS 477	Total/NA	Solid	8015B NM	98403
890-7492-21	SS 176	Total/NA	Solid	8015B NM	98403
890-7492-22	SS 138	Total/NA	Solid	8015B NM	98403
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015B NM	98403
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98403
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98403
890-7492-13 MS	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-13 MSD	SS 129	Total/NA	Solid	8015B NM	98403

Analysis Batch: 98430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015B NM	98404
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015B NM	98404
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98404
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98404
890-7492-23 MS	SS 420	Total/NA	Solid	8015B NM	98404
890-7492-23 MSD	SS 420	Total/NA	Solid	8015B NM	98404

Analysis Batch: 98523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015 NM	
890-7492-2	SS 20	Total/NA	Solid	8015 NM	
890-7492-3	SS 64	Total/NA	Solid	8015 NM	
890-7492-4	SS 80	Total/NA	Solid	8015 NM	
890-7492-5	SS 262	Total/NA	Solid	8015 NM	
890-7492-6	SS 320	Total/NA	Solid	8015 NM	
890-7492-7	SS 488	Total/NA	Solid	8015 NM	
890-7492-8	SS 46	Total/NA	Solid	8015 NM	
890-7492-9	SS 107	Total/NA	Solid	8015 NM	
890-7492-10	SS 290	Total/NA	Solid	8015 NM	
890-7492-11	SS 339	Total/NA	Solid	8015 NM	
890-7492-12	SS 495	Total/NA	Solid	8015 NM	
890-7492-13	SS 129	Total/NA	Solid	8015 NM	
890-7492-14	SS 154	Total/NA	Solid	8015 NM	
890-7492-15	SS 504	Total/NA	Solid	8015 NM	
890-7492-16	SS 398	Total/NA	Solid	8015 NM	
890-7492-17	SS 183	Total/NA	Solid	8015 NM	
890-7492-18	SS 200	Total/NA	Solid	8015 NM	
890-7492-19	SS 435	Total/NA	Solid	8015 NM	
890-7492-20	SS 477	Total/NA	Solid	8015 NM	
890-7492-21	SS 176	Total/NA	Solid	8015 NM	
890-7492-22	SS 138	Total/NA	Solid	8015 NM	
890-7492-23	SS 420	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC

Leach Batch: 98373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	DI Leach	
890-7492-13	SS 129	Soluble	Solid	DI Leach	
890-7492-14	SS 154	Soluble	Solid	DI Leach	
890-7492-15	SS 504	Soluble	Solid	DI Leach	
890-7492-16	SS 398	Soluble	Solid	DI Leach	
890-7492-17	SS 183	Soluble	Solid	DI Leach	
890-7492-18	SS 200	Soluble	Solid	DI Leach	
890-7492-19	SS 435	Soluble	Solid	DI Leach	
890-7492-20	SS 477	Soluble	Solid	DI Leach	
890-7492-21	SS 176	Soluble	Solid	DI Leach	
890-7492-22	SS 138	Soluble	Solid	DI Leach	
890-7492-23	SS 420	Soluble	Solid	DI Leach	
MB 880-98373/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-20 MS	SS 477	Soluble	Solid	DI Leach	
890-7492-20 MSD	SS 477	Soluble	Solid	DI Leach	

Leach Batch: 98374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	DI Leach	
890-7492-2	SS 20	Soluble	Solid	DI Leach	
890-7492-3	SS 64	Soluble	Solid	DI Leach	
890-7492-4	SS 80	Soluble	Solid	DI Leach	
890-7492-5	SS 262	Soluble	Solid	DI Leach	
890-7492-6	SS 320	Soluble	Solid	DI Leach	
890-7492-7	SS 488	Soluble	Solid	DI Leach	
890-7492-8	SS 46	Soluble	Solid	DI Leach	
890-7492-9	SS 107	Soluble	Solid	DI Leach	
890-7492-10	SS 290	Soluble	Solid	DI Leach	
890-7492-11	SS 339	Soluble	Solid	DI Leach	
MB 880-98374/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-2 MS	SS 20	Soluble	Solid	DI Leach	
890-7492-2 MSD	SS 20	Soluble	Solid	DI Leach	

Analysis Batch: 98376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	300.0	98374
890-7492-2	SS 20	Soluble	Solid	300.0	98374
890-7492-3	SS 64	Soluble	Solid	300.0	98374
890-7492-4	SS 80	Soluble	Solid	300.0	98374
890-7492-5	SS 262	Soluble	Solid	300.0	98374
890-7492-6	SS 320	Soluble	Solid	300.0	98374
890-7492-7	SS 488	Soluble	Solid	300.0	98374
890-7492-8	SS 46	Soluble	Solid	300.0	98374
890-7492-9	SS 107	Soluble	Solid	300.0	98374
890-7492-10	SS 290	Soluble	Solid	300.0	98374
890-7492-11	SS 339	Soluble	Solid	300.0	98374
MB 880-98374/1-A	Method Blank	Soluble	Solid	300.0	98374

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC (Continued)

Analysis Batch: 98376 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	300.0	98374
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98374
890-7492-2 MS	SS 20	Soluble	Solid	300.0	98374
890-7492-2 MSD	SS 20	Soluble	Solid	300.0	98374

Analysis Batch: 98377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	300.0	98373
890-7492-13	SS 129	Soluble	Solid	300.0	98373
890-7492-14	SS 154	Soluble	Solid	300.0	98373
890-7492-15	SS 504	Soluble	Solid	300.0	98373
890-7492-16	SS 398	Soluble	Solid	300.0	98373
890-7492-17	SS 183	Soluble	Solid	300.0	98373
890-7492-18	SS 200	Soluble	Solid	300.0	98373
890-7492-19	SS 435	Soluble	Solid	300.0	98373
890-7492-20	SS 477	Soluble	Solid	300.0	98373
890-7492-21	SS 176	Soluble	Solid	300.0	98373
890-7492-22	SS 138	Soluble	Solid	300.0	98373
890-7492-23	SS 420	Soluble	Solid	300.0	98373
MB 880-98373/1-A	Method Blank	Soluble	Solid	300.0	98373
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	300.0	98373
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98373
890-7492-20 MS	SS 477	Soluble	Solid	300.0	98373
890-7492-20 MSD	SS 477	Soluble	Solid	300.0	98373

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01
Date Collected: 12/19/24 08:20
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 11:51
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		5	98350	MNR	EET MID	12/20/24 13:55
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:55
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		20	98376	CH	EET MID	12/20/24 10:49

Client Sample ID: SS 20
Date Collected: 12/19/24 08:36
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:15
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:15
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 10:58

Client Sample ID: SS 64
Date Collected: 12/19/24 08:47
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 12:33
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:33
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 09:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 09:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:54

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80
Date Collected: 12/19/24 08:53
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:36
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:36
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:24
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:24
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:30

Client Sample ID: SS 262
Date Collected: 12/19/24 08:59
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		50	98350	MNR	EET MID	12/20/24 13:14
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:14
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:38
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:38
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:48

Client Sample ID: SS 320
Date Collected: 12/19/24 09:04
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		25	98350	MNR	EET MID	12/20/24 13:34
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:34
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:53
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:53
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:59

Client Sample ID: SS 488
Date Collected: 12/19/24 09:12
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		100	98351	MNR	EET MID	12/20/24 12:24
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:24

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488
Date Collected: 12/19/24 09:12
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:08
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:08
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:06

Client Sample ID: SS 46
Date Collected: 12/19/24 10:15
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 12:45
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:45
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:25
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:25
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:11

Client Sample ID: SS 107
Date Collected: 12/19/24 10:22
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:05
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:05
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:17

Client Sample ID: SS 290
Date Collected: 12/19/24 10:30
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:25
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:25
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:54
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:54

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 290

Date Collected: 12/19/24 10:30

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:23

Client Sample ID: SS 339

Date Collected: 12/19/24 10:37

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:46
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:46
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:29

Client Sample ID: SS 495

Date Collected: 12/19/24 10:44

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 14:06
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:06
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:36

Client Sample ID: SS 129

Date Collected: 12/19/24 11:07

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 11:49
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 11:49
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:43

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Date Collected: 12/19/24 11:19

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:10
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:10
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:00
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:00
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:50

Client Sample ID: SS 504

Date Collected: 12/19/24 11:40

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		10	98353	MNR	EET MID	12/20/24 13:32
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:32
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:15
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:15
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:12

Client Sample ID: SS 398

Date Collected: 12/19/24 11:27

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:30
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:30
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:31
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:31
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:19

Client Sample ID: SS 183

Date Collected: 12/19/24 11:44

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:51
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:51

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Date Collected: 12/19/24 11:44

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:47
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:47
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:26

Client Sample ID: SS 200

Date Collected: 12/19/24 11:49

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 13:11
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:11
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:03
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:03
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:33

Client Sample ID: SS 435

Date Collected: 12/19/24 11:53

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-19

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:07
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:07
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:20
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:20
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:40

Client Sample ID: SS 477

Date Collected: 12/19/24 12:02

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:27
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:27
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:36
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:36

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 477
Date Collected: 12/19/24 12:02
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:48

Client Sample ID: SS 176
Date Collected: 12/19/24 12:07
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		10	98352	MNR	EET MID	12/20/24 13:28
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:28
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:52
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:52
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:09

Client Sample ID: SS 138
Date Collected: 12/19/24 12:17
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:48
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:48
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 14:07
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 14:07
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 10:16

Client Sample ID: SS 420
Date Collected: 12/19/24 12:22
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 13:08
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:08
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98404	EL	EET MID	12/19/24 21:32
Total/NA	Analysis	8015B NM		1	98430	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:38

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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Method Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7492-1	SS 01	Solid	12/19/24 08:20	12/19/24 15:45	- SURFACE
890-7492-2	SS 20	Solid	12/19/24 08:36	12/19/24 15:45	- SURFACE
890-7492-3	SS 64	Solid	12/19/24 08:47	12/19/24 15:45	- SURFACE
890-7492-4	SS 80	Solid	12/19/24 08:53	12/19/24 15:45	- SURFACE
890-7492-5	SS 262	Solid	12/19/24 08:59	12/19/24 15:45	- SURFACE
890-7492-6	SS 320	Solid	12/19/24 09:04	12/19/24 15:45	- SURFACE
890-7492-7	SS 488	Solid	12/19/24 09:12	12/19/24 15:45	- SURFACE
890-7492-8	SS 46	Solid	12/19/24 10:15	12/19/24 15:45	- SURFACE
890-7492-9	SS 107	Solid	12/19/24 10:22	12/19/24 15:45	- SURFACE
890-7492-10	SS 290	Solid	12/19/24 10:30	12/19/24 15:45	- SURFACE
890-7492-11	SS 339	Solid	12/19/24 10:37	12/19/24 15:45	- SURFACE
890-7492-12	SS 495	Solid	12/19/24 10:44	12/19/24 15:45	- SURFACE
890-7492-13	SS 129	Solid	12/19/24 11:07	12/19/24 15:45	- SURFACE
890-7492-14	SS 154	Solid	12/19/24 11:19	12/19/24 15:45	- SURFACE
890-7492-15	SS 504	Solid	12/19/24 11:40	12/19/24 15:45	- SURFACE
890-7492-16	SS 398	Solid	12/19/24 11:27	12/19/24 15:45	- SURFACE
890-7492-17	SS 183	Solid	12/19/24 11:44	12/19/24 15:45	- SURFACE
890-7492-18	SS 200	Solid	12/19/24 11:49	12/19/24 15:45	- SURFACE
890-7492-19	SS 435	Solid	12/19/24 11:53	12/19/24 15:45	- SURFACE
890-7492-20	SS 477	Solid	12/19/24 12:02	12/19/24 15:45	- SURFACE
890-7492-21	SS 176	Solid	12/19/24 12:07	12/19/24 15:45	- SURFACE
890-7492-22	SS 138	Solid	12/19/24 12:17	12/19/24 15:45	- SURFACE
890-7492-23	SS 420	Solid	12/19/24 12:22	12/19/24 15:45	- SURFACE



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 1 of 3

Work Order Comments

Program: ☐ UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project: ☐ Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Reporting: ☐ Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: ☐ EDD ☐ ADAPT ☐ Other:

Project Manager: Michael Wicker

Company Name: Cotto

Address:

City, State ZIP: 1616-970-8459

Phone:

Email: mwicker@cottoconsult.com

ANALYSIS REQUEST

Project Name: Close Encounter 30114

Project Number: Buckeye, NM

Project Location: Dakotah Cueto

Sampler's Name:

PO #:

SAMPLE RECEIPT

Samples Received Intact: ☒ Yes ☐ No

Cooler Custody Seals: ☒ Yes ☐ No

Sample Custody Seals: ☒ Yes ☐ No

Total Containers: 5.0

Temp Blank: ☒ Yes ☐ No

Wet Ice: ☒ Yes ☐ No

Thermometer ID: -0.2

Correction Factor: 5.8

Temperature Reading: 5.0

Corrected Temperature: 5.0

Preservative Codes

None: ☐ NO ☐ DI Water: ☐ H₂O

Cool: ☐ Cool ☐ MeOH: ☐ Me

HCL: ☐ HC ☐ HNO₃

H₂SO₄: ☐ H₂ ☐ NaOH: ☐ Na

H₃PO₄: ☐ HP ☐ NaHSO₄: ☐ NABIS

Na₂S₂O₃: ☐ NaSO₃

Zn Acetate+NaOH: ☐ Zn

NaOH+Ascorbic Acid: ☐ SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Pres. Code	Parameters
SS01	S	12-19-24	08:20	Surf	C	1		
SS20	S		08:36		C	1		
SS64	S		08:47		C	1		
SS80	S		08:53		C	1		
SS262	S		08:59		C	1		
SS320	S		09:04		C	1		
SS488	S		09:12		C	1		
SS46	S		10:15		C	1		
SS107	S		10:22		C	1		
SS290	S		10:30		C	1		

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471**

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>Dakotah Cueto</u>	<u>[Signature]</u>	<u>12/19 1545</u>			

Revised Date: 06/25/2020 Rev. 2020.2



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs NM (575) 392-7550 Carlsbad NM (575) 988-3199

Environment Testing

Work Order No:

Little Rock, AR (501) 224-5060

Page 2 of 3

Project Manager: Michael Wicker		Bill to: (if different) CDT Consulting	
Company Name: CDT		Company Name:	
Address:		Address:	
City, State ZIP:		City, State ZIP:	
Phone: 616-970-8459		Email: mwicker@cdtconsult.com	
Project Name: Close Encounters 3014		Turn Around	
Project Number:		☐ Routine ☒ Rush	
Project Location: Buckeye, NM		Due Date: 12-20-2024	
Sampler's Name: Dakotaiah Cueto		TAT starts the day received by the lab, if received by 4:30pm	
PO #:			
SAMPLE RECEIPT		Temp Blank: Yes No Wet Ice: Yes No	
Samples Received Intact: Yes No		Thermometer ID:	
Cooler Custody Seals: Yes No N/A		Correction Factor:	
Sample Custody Seals: Yes No N/A		Temperature Reading:	
Total Containers:		Corrected Temperature:	
Sample Identification		Date Sampled	
Matrix		Time Sampled	
Grab/ # of		Depth	
Comp		Cont	
55339		S 12/19/2024 10:57 Surf C 1	
55495		S 10:44 C 1	
55129		S 11:07 C 1	
55154		S 11:19 C 1	
55504		S 11:40 C 1	
55398		S 11:27 C 1	
55183		S 11:44 C 1	
55200		S 11:49 C 1	
55435		S 11:53 C 1	
55477		S 12:02 C 1	
Total 200.7 / 6010 200.8 / 6020:		8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti Sn U V Zn	
Circle Method(s) and Metal(s) to be analyzed		TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471	
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions for service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.			
Relinquished by: (Signature)		Received by: (Signature)	
1 Dakotaiah Cueto		2	
3		4	
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Date/Time		Received by: (Signature)	



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 3 of 3

Project Manager: Michael Wicker		Bill to: (if different)		C24 Consulting	
Company Name: C24		Company Name:		Program: ☐ UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
Address:		Address:		State of Project:	
City, State ZIP:		City, State ZIP:		Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Phone: 616-970-8469		Email: mwicker@c24consult.com		Deliverables: EDD ☐ ADaPT ☐ Other:	
Project Name: Close Encounter 301H		Turn Around		ANALYSIS REQUEST	
Project Number:		☐ Routine ☒ Rush		Preservative Codes	
Project Location: Buckeye, NM		Due Date: 12-20-2024		None: NO DI Water: H ₂ O	
Sampler's Name: Doraedah Ceto		TAT starts the day received by the lab, if received by 4:30pm		Cool: Cool MeOH: Me	
PO #:				HCL: HC HNO ₃	
SAMPLE RECEIPT		Temp Blank: Yes No		H ₂ SO ₄ : H ₂ NaOH: Na	
Samples Received Intact: Yes No		Thermometer ID:		H ₃ PO ₄ : HP	
Cooler Custody Seals: Yes No N/A		Correction Factor:		NaHSO ₄ : NABIS	
Sample Custody Seals: Yes No N/A		Temperature Reading:		Na ₂ S ₂ O ₃ : NaSO ₃	
Total Containers:		Corrected Temperature:		Zn Acetate+NaOH: Zn	
Sample Identification		Matrix		NaOH+Ascorbic Acid: SAPC	
SS176		3		Sample Comments	
SS138		3			
SS420		5			
Total 200.7 / 6010 200.8 / 6020:		8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn			
Circle Method(s) and Metal(s) to be analyzed		TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471			
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.					
Relinquished by: (Signature)		Received by: (Signature)		Date/Time	
1 Doraedah Ceto		2			
3		4			
5		6			



Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Source: Eurofins Carlsbad

List Number: 1

Creator: Bruns, Shannon

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Source: Eurofins Midland

List Number: 2

List Creation: 12/19/24 09:21 PM

Creator: Laing, Edmundo

Question	Answer	Comment
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time (excluding tests with immediate HTs)		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").		



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ANALYTICAL REPORT

PREPARED FOR

Attn: Michael Wicker
CDH Consulting
9446 Clermont St,
Thornton, Colorado 80229
Generated 12/20/2024 3:02:55 PM

JOB DESCRIPTION

CLOSE ENCOUNTER 301 H
BUCKEYE

JOB NUMBER

890-7492-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

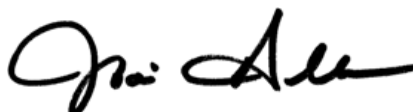
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
12/20/2024 3:02:55 PM

Authorized for release by
Jodi Allen, Project Manager I
Jodi.Allen@et.eurofinsus.com
(281)520-2865

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Laboratory Job ID: 890-7492-1
SDG: BUCKEYE

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Definitions/Glossary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1

Eurofins Carlsbad

Job Narrative
890-7492-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 12/19/2024 3:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 64 (890-7492-3), SS 80 (890-7492-4), SS 262 (890-7492-5), SS 320 (890-7492-6), SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11), SS 495 (890-7492-12), SS 129 (890-7492-13), SS 154 (890-7492-14), SS 504 (890-7492-15), SS 398 (890-7492-16), SS 183 (890-7492-17), SS 200 (890-7492-18), SS 435 (890-7492-19), SS 477 (890-7492-20), SS 176 (890-7492-21), SS 138 (890-7492-22) and SS 420 (890-7492-23).

GC VOA

Method 8021B: The following samples were diluted due to physical characteristics such as color, odor, appearance, viscosity, etc. >>: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 80 (890-7492-4), SS 262 (890-7492-5) and SS 320 (890-7492-6). Elevated reporting limits (RL) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 01 (890-7492-1), SS 20 (890-7492-2) and SS 64 (890-7492-3). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 398 (890-7492-16) and SS 200 (890-7492-18). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SS 176 (890-7492-21). Evidence of matrix interferences is not obvious.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11) and SS 495 (890-7492-12). Elevated reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 46 (890-7492-8), SS 290 (890-7492-10) and SS 495 (890-7492-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: SS 504 (890-7492-15). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-98402/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98402 and analytical batch 880-98425 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within

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Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1 (Continued)

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acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SS 262 (890-7492-5). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Due to the high concentration of Diesel Range Organics (Over C10-C28), the matrix spike (MS) for preparation batch 880-98403 and analytical batch 880-98427 could not be evaluated for accuracy. The associated matrix spike duplicate (MSD) met acceptance criteria.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SS 477 (890-7492-20), (LCS 880-98403/2-A) and (LCSD 880-98403/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The method blank for preparation batch 880-98404 and analytical batch 880-98430 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-98404/2-A) and (LCSD 880-98404/3-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-98404 and analytical batch 880-98430 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The laboratory control sample (LCS) for preparation batch 880-98403 and analytical batch 880-98427 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10. Since only an acceptable LCSD is required per the method, the LCSD shows recovery for the batch and the data has been qualified and reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98374 and analytical batch 880-98376 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01

Lab Sample ID: 890-7492-1

Date Collected: 12/19/24 08:20

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0101	U	0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Ethylbenzene	0.0947		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Toluene	0.0306		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Xylenes, Total	1.81		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
m-Xylene & p-Xylene	0.0449		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
o-Xylene	1.77		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:24	12/20/24 11:51	20
1,4-Difluorobenzene (Surr)	124		70 - 130				12/20/24 08:24	12/20/24 11:51	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.94		0.0202		mg/Kg			12/20/24 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	287		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	287		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				12/19/24 21:26	12/20/24 12:09	1
o-Terphenyl	86		70 - 130				12/19/24 21:26	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17600		199		mg/Kg			12/20/24 10:49	20

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Ethylbenzene	0.0420		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Toluene	0.0216		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Xylenes, Total	0.350		0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
m-Xylene & p-Xylene	<0.0401	U	0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
o-Xylene	0.350		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				12/20/24 08:24	12/20/24 14:15	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	136	S1+	70 - 130	12/20/24 08:24	12/20/24 14:15	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.414		0.0401		mg/Kg			12/20/24 14:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	110		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	110		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				12/19/24 21:26	12/20/24 12:23	1
o-Terphenyl	77		70 - 130				12/19/24 21:26	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300	F1	49.9		mg/Kg			12/20/24 10:58	5

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Ethylbenzene	0.242		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Toluene	0.0581		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Xylenes, Total	0.781		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
m-Xylene & p-Xylene	0.189		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
o-Xylene	0.592		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20
1,4-Difluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.08		0.0795		mg/Kg			12/20/24 12:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	631		50.0		mg/Kg			12/20/24 09:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Diesel Range Organics (Over C10-C28)	631	F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 09:40	1
o-Terphenyl	78		70 - 130				12/19/24 21:28	12/20/24 09:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3110		50.2		mg/Kg			12/20/24 11:54	5

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Ethylbenzene	0.0344		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Toluene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Xylenes, Total	0.680		0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
m-Xylene & p-Xylene	<0.0399	U	0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
o-Xylene	0.680		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				12/20/24 08:24	12/20/24 14:36	10
1,4-Difluorobenzene (Surr)	106		70 - 130				12/20/24 08:24	12/20/24 14:36	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.714		0.0399		mg/Kg			12/20/24 14:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	188		50.0		mg/Kg			12/20/24 10:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Diesel Range Organics (Over C10-C28)	188		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				12/19/24 21:28	12/20/24 10:24	1
o-Terphenyl	74		70 - 130				12/19/24 21:28	12/20/24 10:24	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3070		100		mg/Kg			12/20/24 11:30	10

Client Sample ID: SS 262

Lab Sample ID: 890-7492-5

Date Collected: 12/19/24 08:59

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Ethylbenzene	0.966		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Toluene	0.415		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Xylenes, Total	1.51		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
m-Xylene & p-Xylene	0.756		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
o-Xylene	0.754		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				12/20/24 08:24	12/20/24 13:14	50
1,4-Difluorobenzene (Surr)	122		70 - 130				12/20/24 08:24	12/20/24 13:14	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.89		0.202		mg/Kg			12/20/24 13:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	463		50.0		mg/Kg			12/20/24 10:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Diesel Range Organics (Over C10-C28)	463		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				12/19/24 21:28	12/20/24 10:38	1
o-Terphenyl	69	S1-	70 - 130				12/19/24 21:28	12/20/24 10:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4470		99.4		mg/Kg			12/20/24 11:48	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 320

Lab Sample ID: 890-7492-6

Date Collected: 12/19/24 09:04

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0503	U	0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Ethylbenzene	0.537		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Toluene	0.125		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Xylenes, Total	1.20		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
m-Xylene & p-Xylene	0.454		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
o-Xylene	0.746		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				12/20/24 08:24	12/20/24 13:34	25
1,4-Difluorobenzene (Surr)	126		70 - 130				12/20/24 08:24	12/20/24 13:34	25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.86		0.101		mg/Kg			12/20/24 13:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	876		49.7		mg/Kg			12/20/24 10:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Diesel Range Organics (Over C10-C28)	876		49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				12/19/24 21:28	12/20/24 10:53	1
o-Terphenyl	75		70 - 130				12/19/24 21:28	12/20/24 10:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3410		49.8		mg/Kg			12/20/24 11:59	5

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.199	U	0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Ethylbenzene	1.92		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Toluene	0.602		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Xylenes, Total	3.04		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
m-Xylene & p-Xylene	1.78		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
o-Xylene	1.26		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				12/20/24 08:27	12/20/24 12:24	100

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	100		70 - 130	12/20/24 08:27	12/20/24 12:24	100

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	5.56		0.398		mg/Kg			12/20/24 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2500		49.8		mg/Kg			12/20/24 11:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.7		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Diesel Range Organics (Over C10-C28)	2410		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:08	1
o-Terphenyl	95		70 - 130				12/19/24 21:28	12/20/24 11:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3680		49.6		mg/Kg			12/20/24 12:06	5

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.11		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Ethylbenzene	9.28		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Toluene	7.96		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Xylenes, Total	10.9		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
m-Xylene & p-Xylene	6.88		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
o-Xylene	4.05		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130	12/20/24 08:27	12/20/24 12:45	50
1,4-Difluorobenzene (Surr)	94		70 - 130	12/20/24 08:27	12/20/24 12:45	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	29.3		0.200		mg/Kg			12/20/24 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1330		49.9		mg/Kg			12/20/24 11:25	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	95.0		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Diesel Range Organics (Over C10-C28)	1230		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:25	1
o-Terphenyl	81		70 - 130				12/19/24 21:28	12/20/24 11:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5420		101		mg/Kg			12/20/24 12:11	10

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Ethylbenzene	1.52		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Toluene	0.807		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Xylenes, Total	4.70		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
m-Xylene & p-Xylene	3.88		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
o-Xylene	0.815		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				12/20/24 08:27	12/20/24 13:05	50
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:27	12/20/24 13:05	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	7.02		0.202		mg/Kg			12/20/24 13:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	60.0		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Diesel Range Organics (Over C10-C28)	1450		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:40	1
o-Terphenyl	86		70 - 130				12/19/24 21:28	12/20/24 11:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5250		99.4		mg/Kg			12/20/24 12:17	10

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.151		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Ethylbenzene	3.30		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Toluene	1.75		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Xylenes, Total	4.33		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
m-Xylene & p-Xylene	2.60		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
o-Xylene	1.73		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:27	12/20/24 13:25	50
1,4-Difluorobenzene (Surr)	100		70 - 130				12/20/24 08:27	12/20/24 13:25	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	9.53		0.201		mg/Kg			12/20/24 13:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2470		49.8		mg/Kg			12/20/24 11:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	129		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Diesel Range Organics (Over C10-C28)	2340		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				12/19/24 21:28	12/20/24 11:54	1
o-Terphenyl	105		70 - 130				12/19/24 21:28	12/20/24 11:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5400		99.8		mg/Kg			12/20/24 12:23	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.106		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Ethylbenzene	3.81		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Toluene	1.12		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Xylenes, Total	5.28		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
m-Xylene & p-Xylene	3.48		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
o-Xylene	1.80		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	12/20/24 08:27	12/20/24 13:46	50
1,4-Difluorobenzene (Surr)	99		70 - 130	12/20/24 08:27	12/20/24 13:46	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	10.3		0.200		mg/Kg			12/20/24 13:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3950		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	154		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	3800		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	12/19/24 21:28	12/20/24 12:09	1
o-Terphenyl	121		70 - 130	12/19/24 21:28	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4280		49.9		mg/Kg			12/20/24 12:29	5

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0994	U	0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Ethylbenzene	5.40		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Toluene	1.34		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Xylenes, Total	7.57		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
m-Xylene & p-Xylene	4.90		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
o-Xylene	2.67		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130	12/20/24 08:27	12/20/24 14:06	50

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	12/20/24 08:27	12/20/24 14:06	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	14.3		0.199		mg/Kg			12/20/24 14:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3070		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	177		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	2890		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:28	12/20/24 12:23	1
o-Terphenyl	108		70 - 130				12/19/24 21:28	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3660		49.6		mg/Kg			12/20/24 08:36	5

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Ethylbenzene	0.0238		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Toluene	0.00837		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Xylenes, Total	0.0306		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
m-Xylene & p-Xylene	0.0204		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
o-Xylene	0.0102		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	12/20/24 08:33	12/20/24 11:49	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/20/24 08:33	12/20/24 11:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0628		0.00404		mg/Kg			12/20/24 11:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	538		49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Diesel Range Organics (Over C10-C28)	538	F1	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 11:11	1
o-Terphenyl	79		70 - 130				12/19/24 21:30	12/20/24 11:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3350		50.0		mg/Kg			12/20/24 08:43	5

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Ethylbenzene	0.0475		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Toluene	0.0124		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Xylenes, Total	0.0632		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
m-Xylene & p-Xylene	0.0373		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
o-Xylene	0.0259		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				12/20/24 08:33	12/20/24 12:10	1
1,4-Difluorobenzene (Surr)	93		70 - 130				12/20/24 08:33	12/20/24 12:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.123		0.00401		mg/Kg			12/20/24 12:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2710		49.8		mg/Kg			12/20/24 12:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Diesel Range Organics (Over C10-C28)	2710		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 12:00	1
o-Terphenyl	120		70 - 130				12/19/24 21:30	12/20/24 12:00	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1710		50.3		mg/Kg			12/20/24 08:50	5

Client Sample ID: SS 504

Lab Sample ID: 890-7492-15

Date Collected: 12/19/24 11:40

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Ethylbenzene	0.563		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Toluene	0.173		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Xylenes, Total	0.464		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
m-Xylene & p-Xylene	0.290		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
o-Xylene	0.174		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				12/20/24 08:33	12/20/24 13:32	10
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:33	12/20/24 13:32	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.20		0.0398		mg/Kg			12/20/24 13:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 12:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Diesel Range Organics (Over C10-C28)	1510		50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				12/19/24 21:30	12/20/24 12:15	1
o-Terphenyl	97		70 - 130				12/19/24 21:30	12/20/24 12:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2990		50.0		mg/Kg			12/20/24 09:12	5

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 398

Lab Sample ID: 890-7492-16

Date Collected: 12/19/24 11:27

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0262		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Ethylbenzene	0.199		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Toluene	0.168		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Xylenes, Total	0.269		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
m-Xylene & p-Xylene	0.158		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
o-Xylene	0.111		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	12/20/24 08:33	12/20/24 12:30	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:33	12/20/24 12:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.662		0.00399		mg/Kg			12/20/24 12:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3130		49.9		mg/Kg			12/20/24 12:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.1	++	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Diesel Range Organics (Over C10-C28)	3040		49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	12/19/24 21:30	12/20/24 12:31	1
o-Terphenyl	120		70 - 130	12/19/24 21:30	12/20/24 12:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2960		50.1		mg/Kg			12/20/24 09:19	5

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Ethylbenzene	0.0487		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Toluene	0.00442		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Xylenes, Total	0.0402		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
m-Xylene & p-Xylene	0.0276		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
o-Xylene	0.0126		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	12/20/24 08:33	12/20/24 12:51	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	75		70 - 130	12/20/24 08:33	12/20/24 12:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0933		0.00404		mg/Kg			12/20/24 12:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	311		49.8		mg/Kg			12/20/24 12:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Diesel Range Organics (Over C10-C28)	311		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				12/19/24 21:30	12/20/24 12:47	1
o-Terphenyl	77		70 - 130				12/19/24 21:30	12/20/24 12:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.8		9.96		mg/Kg			12/20/24 09:26	1

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Ethylbenzene	0.191		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Toluene	0.110		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Xylenes, Total	0.265		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
m-Xylene & p-Xylene	0.156		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
o-Xylene	0.109		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130	12/20/24 08:33	12/20/24 13:11	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 13:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.566		0.00402		mg/Kg			12/20/24 13:11	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2050		49.9		mg/Kg			12/20/24 13:03	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Diesel Range Organics (Over C10-C28)	2050		49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				12/19/24 21:30	12/20/24 13:03	1
o-Terphenyl	106		70 - 130				12/19/24 21:30	12/20/24 13:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	930		10.0		mg/Kg			12/20/24 09:33	1

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Ethylbenzene	0.00665		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Toluene	0.00205		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Xylenes, Total	0.0105		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
m-Xylene & p-Xylene	0.00628		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
o-Xylene	0.00418		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				12/20/24 08:30	12/20/24 12:07	1
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 12:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0192		0.00404		mg/Kg			12/20/24 12:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	601		49.7		mg/Kg			12/20/24 13:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U **	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Diesel Range Organics (Over C10-C28)	601		49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				12/19/24 21:30	12/20/24 13:20	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 13:20	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3030		49.7		mg/Kg			12/20/24 09:40	5

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Xylenes, Total	0.133		0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
o-Xylene	0.133		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				12/20/24 08:30	12/20/24 12:27	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/20/24 08:30	12/20/24 12:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.133		0.00401		mg/Kg			12/20/24 12:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/20/24 13:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 13:36	1
o-Terphenyl	66	S1-	70 - 130				12/19/24 21:30	12/20/24 13:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		10.0		mg/Kg			12/20/24 09:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Ethylbenzene	0.950		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Toluene	0.199		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Xylenes, Total	1.58		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
m-Xylene & p-Xylene	0.943		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
o-Xylene	0.636		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	193	S1+	70 - 130				12/20/24 08:30	12/20/24 13:28	10
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 13:28	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.73		0.0398		mg/Kg			12/20/24 13:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2110		49.8		mg/Kg			12/20/24 13:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Diesel Range Organics (Over C10-C28)	2110		49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:30	12/20/24 13:52	1
o-Terphenyl	112		70 - 130				12/19/24 21:30	12/20/24 13:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	812		9.98		mg/Kg			12/20/24 10:09	1

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Ethylbenzene	0.0120		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Toluene	0.00377		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Xylenes, Total	0.0233		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
m-Xylene & p-Xylene	0.0102		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
o-Xylene	0.0131		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				12/20/24 08:30	12/20/24 12:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 138
Date Collected: 12/19/24 12:17
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-22
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130				12/20/24 08:30	12/20/24 12:48	1
Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0391		0.00399		mg/Kg			12/20/24 12:48	1
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	573		49.8		mg/Kg			12/20/24 14:07	1
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U ++	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Diesel Range Organics (Over C10-C28)	573		49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 14:07	1
o-Terphenyl	78		70 - 130				12/19/24 21:30	12/20/24 14:07	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2650		50.1		mg/Kg			12/20/24 10:16	5

Client Sample ID: SS 420
Date Collected: 12/19/24 12:22
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-23
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Xylenes, Total	0.0889		0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
o-Xylene	0.0889		0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				12/20/24 08:30	12/20/24 13:08	1
1,4-Difluorobenzene (Surr)	91		70 - 130				12/20/24 08:30	12/20/24 13:08	1
Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0889		0.00404		mg/Kg			12/20/24 13:08	1
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 420
Date Collected: 12/19/24 12:22
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-23
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	104		70 - 130				12/19/24 21:32	12/20/24 11:11	1	
o-Terphenyl	109		70 - 130				12/19/24 21:32	12/20/24 11:11	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	162		9.94		mg/Kg			12/20/24 10:38	1	

Surrogate Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
890-7492-1	SS 01	131 S1+	124
890-7492-2	SS 20	128	136 S1+
890-7492-3	SS 64	137 S1+	131 S1+
890-7492-4	SS 80	144 S1+	106
890-7492-5	SS 262	125	122
890-7492-6	SS 320	126	126
890-7492-7	SS 488	106	100
890-7492-8	SS 46	171 S1+	94
890-7492-9	SS 107	107	101
890-7492-10	SS 290	131 S1+	100
890-7492-11	SS 339	122	99
890-7492-12	SS 495	139 S1+	104
890-7492-13	SS 129	109	95
890-7492-14	SS 154	99	93
890-7492-15	SS 504	110	94
890-7492-16	SS 398	141 S1+	96
890-7492-17	SS 183	88	75
890-7492-18	SS 200	159 S1+	93
890-7492-19	SS 435	113	104
890-7492-20	SS 477	98	95
890-7492-21	SS 176	193 S1+	104
890-7492-22	SS 138	115	103
890-7492-23	SS 420	95	91
LCS 880-98432/1-A	Lab Control Sample	101	96
LCS 880-98433/1-A	Lab Control Sample	96	103
LCS 880-98434/1-A	Lab Control Sample	107	104
LCS 880-98435/1-A	Lab Control Sample	106	99
LCSD 880-98432/2-A	Lab Control Sample Dup	103	99
LCSD 880-98433/2-A	Lab Control Sample Dup	94	103
LCSD 880-98434/2-A	Lab Control Sample Dup	109	103
LCSD 880-98435/2-A	Lab Control Sample Dup	108	98
MB 880-98432/5-A	Method Blank	112	85
MB 880-98433/5-A	Method Blank	98	96
MB 880-98434/5-A	Method Blank	111	101
MB 880-98435/5-A	Method Blank	92	93

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1	OTPH1
		(70-130)	(70-130)
890-7492-1	SS 01	83	86
890-7492-2	SS 20	76	77
890-7492-3	SS 64	75	78
890-7492-3 MS	SS 64	78	76

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Surrogate Summary

Client: CDH Consulting

Job ID: 890-7492-1

Project/Site: CLOSE ENCOUNTER 301 H

SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-3 MSD	SS 64	77	76
890-7492-4	SS 80	73	74
890-7492-5	SS 262	70	69 S1-
890-7492-6	SS 320	74	75
890-7492-7	SS 488	75	95
890-7492-8	SS 46	75	81
890-7492-9	SS 107	75	86
890-7492-10	SS 290	85	105
890-7492-11	SS 339	84	121
890-7492-12	SS 495	88	108
890-7492-13	SS 129	84	79
890-7492-13 MS	SS 129	80	81
890-7492-13 MSD	SS 129	79	81
890-7492-14	SS 154	84	120
890-7492-15	SS 504	92	97
890-7492-16	SS 398	85	120
890-7492-17	SS 183	87	77
890-7492-18	SS 200	82	106
890-7492-19	SS 435	77	74
890-7492-20	SS 477	81	66 S1-
890-7492-21	SS 176	88	112
890-7492-22	SS 138	81	78
890-7492-23	SS 420	104	109
890-7492-23 MS	SS 420	92	99
890-7492-23 MSD	SS 420	92	99
LCS 880-98401/2-A	Lab Control Sample	118	102
LCS 880-98402/2-A	Lab Control Sample	121	104
LCS 880-98403/2-A	Lab Control Sample	136 S1+	123
LCS 880-98404/2-A	Lab Control Sample	158 S1+	172 S1+
LCSD 880-98401/3-A	Lab Control Sample Dup	110	95
LCSD 880-98402/3-A	Lab Control Sample Dup	145 S1+	123
LCSD 880-98403/3-A	Lab Control Sample Dup	133 S1+	120
LCSD 880-98404/3-A	Lab Control Sample Dup	166 S1+	175 S1+
MB 880-98401/1-A	Method Blank	81	80
MB 880-98402/1-A	Method Blank	75	75
MB 880-98403/1-A	Method Blank	91	74
MB 880-98404/1-A	Method Blank	93	96
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-98432/5-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	12/20/24 08:24	12/20/24 11:08	1
1,4-Difluorobenzene (Surr)	85		70 - 130	12/20/24 08:24	12/20/24 11:08	1

Lab Sample ID: LCS 880-98432/1-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1137		mg/Kg		114	70 - 130
Ethylbenzene	0.100	0.1107		mg/Kg		111	70 - 130
Toluene	0.100	0.1082		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2221		mg/Kg		111	70 - 130
o-Xylene	0.100	0.1128		mg/Kg		113	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-98432/2-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1182		mg/Kg		118	70 - 130	4	35
Ethylbenzene	0.100	0.1145		mg/Kg		114	70 - 130	3	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2282		mg/Kg		114	70 - 130	3	35
o-Xylene	0.100	0.1165		mg/Kg		117	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	12/20/24 08:27	12/20/24 11:02	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:27	12/20/24 11:02	1

Lab Sample ID: LCS 880-98433/1-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1001		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09410		mg/Kg		94	70 - 130
Toluene	0.100	0.09371		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1885		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09536		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-98433/2-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1048		mg/Kg		105	70 - 130	5	35
Ethylbenzene	0.100	0.09886		mg/Kg		99	70 - 130	5	35
Toluene	0.100	0.09817		mg/Kg		98	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1969		mg/Kg		98	70 - 130	4	35
o-Xylene	0.100	0.09974		mg/Kg		100	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	111		70 - 130				12/20/24 08:30	12/20/24 11:25	1
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:30	12/20/24 11:25	1

Lab Sample ID: LCS 880-98434/1-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits		
		Result	Qualifier						
Benzene	0.100	0.1149		mg/Kg		115	70 - 130		
Ethylbenzene	0.100	0.1100		mg/Kg		110	70 - 130		
Toluene	0.100	0.1116		mg/Kg		112	70 - 130		
m-Xylene & p-Xylene	0.200	0.2234		mg/Kg		112	70 - 130		
o-Xylene	0.100	0.1142		mg/Kg		114	70 - 130		
Surrogate	LCS	LCS	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	107		70 - 130						
1,4-Difluorobenzene (Surr)	104		70 - 130						

Lab Sample ID: LCSD 880-98434/2-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.1162		mg/Kg		116	70 - 130	1	35
Ethylbenzene	0.100	0.1102		mg/Kg		110	70 - 130	0	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2247		mg/Kg		112	70 - 130	1	35
o-Xylene	0.100	0.1148		mg/Kg		115	70 - 130	1	35
Surrogate	LCSD	LCSD	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	109		70 - 130						
1,4-Difluorobenzene (Surr)	103		70 - 130						

Lab Sample ID: MB 880-98435/5-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98435

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	12/20/24 08:33	12/20/24 11:07	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 11:07	1

Lab Sample ID: LCS 880-98435/1-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1025		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.1037		mg/Kg		104	70 - 130
Toluene	0.100	0.1077		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2015		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1117		mg/Kg		112	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-98435/2-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1068		mg/Kg		107	70 - 130	4	35
Ethylbenzene	0.100	0.1065		mg/Kg		107	70 - 130	3	35
Toluene	0.100	0.1103		mg/Kg		110	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2041		mg/Kg		102	70 - 130	1	35
o-Xylene	0.100	0.1136		mg/Kg		114	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-98401/1-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98401

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130	12/19/24 21:26	12/20/24 00:11	1
o-Terphenyl	80		70 - 130	12/19/24 21:26	12/20/24 00:11	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98401/2-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98401

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1058		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	960.9		mg/Kg		96	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	118		70 - 130				
o-Terphenyl	102		70 - 130				

Lab Sample ID: LCSD 880-98401/3-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98401

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1005		mg/Kg		101	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	903.5		mg/Kg		90	70 - 130	6	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	110		70 - 130						
o-Terphenyl	95		70 - 130						

Lab Sample ID: MB 880-98402/1-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98402

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1-Chlorooctane	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	
o-Terphenyl	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	

Lab Sample ID: LCS 880-98402/2-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1061		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1028		mg/Kg		103	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98402/2-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98402

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: LCSD 880-98402/3-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98402

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1288		mg/Kg		129	70 - 130	19	20
Diesel Range Organics (Over C10-C28)			1000	1231		mg/Kg		123	70 - 130	18	20
Surrogate	LCSD	LCSD									
	%Recovery	Qualifier									
1-Chlorooctane	145	S1+									
o-Terphenyl	123										

Lab Sample ID: 890-7492-3 MS
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: SS 64
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	665.3	F1	mg/Kg		67	70 - 130		
Diesel Range Organics (Over C10-C28)	631	F1	998	1155	F1	mg/Kg		53	70 - 130		
Surrogate	MS	MS									
	%Recovery	Qualifier									
1-Chlorooctane	78										
o-Terphenyl	76										

Lab Sample ID: 890-7492-3 MSD
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: SS 64
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	660.4	F1	mg/Kg		66	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	631	F1	998	1141	F1	mg/Kg		51	70 - 130	1	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier									
1-Chlorooctane	77										
o-Terphenyl	76										

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-98403/1-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98403

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				12/19/24 21:30	12/20/24 09:12	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 09:12	1

Lab Sample ID: LCS 880-98403/2-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1333	*+	mg/Kg		133	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1178		mg/Kg		118	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	136	S1+	70 - 130				
o-Terphenyl	123		70 - 130				

Lab Sample ID: LCSD 880-98403/3-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1180		mg/Kg		118	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	1000	1166		mg/Kg		117	70 - 130	1	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	133	S1+	70 - 130						
o-Terphenyl	120		70 - 130						

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	997	729.6		mg/Kg		73	70 - 130
Diesel Range Organics (Over C10-C28)	538	F1	997	1207	F1	mg/Kg		67	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	80		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: 890-7492-13 MSD

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	997	855.4		mg/Kg		86	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	538	F1	997	1282		mg/Kg		75	70 - 130	6	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	79		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: MB 880-98404/1-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98404

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	93		70 - 130	12/19/24 21:32	12/20/24 09:12	1			
o-Terphenyl	96		70 - 130	12/19/24 21:32	12/20/24 09:12	1			

Lab Sample ID: LCS 880-98404/2-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1398	*+	mg/Kg		140	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1468	*+	mg/Kg		147	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	158	S1+	70 - 130
o-Terphenyl	172	S1+	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-98404/3-A
Matrix: Solid
Analysis Batch: 98430

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98404

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1465	*+	mg/Kg		147	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	1590	*+	mg/Kg		159	70 - 130	8	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	166	S1+	70 - 130						
o-Terphenyl	175	S1+	70 - 130						

Lab Sample ID: 890-7492-23 MS
Matrix: Solid
Analysis Batch: 98430

Client Sample ID: SS 420
Prep Type: Total/NA
Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	781.1		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	867.3		mg/Kg		84	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Lab Sample ID: 890-7492-23 MSD
Matrix: Solid
Analysis Batch: 98430

Client Sample ID: SS 420
Prep Type: Total/NA
Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	804.1		mg/Kg		80	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	863.1		mg/Kg		84	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-98374/1-A
Matrix: Solid
Analysis Batch: 98376

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 08:34	1

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-98374/2-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.6		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-98374/3-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	245.0		mg/Kg		98	90 - 110	2	20

Lab Sample ID: 890-7492-2 MS

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1300	F1	1250	3073	F1	mg/Kg		142	90 - 110

Lab Sample ID: 890-7492-2 MSD

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1300	F1	1250	3070	F1	mg/Kg		142	90 - 110	0	20

Lab Sample ID: MB 880-98373/1-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 03:00	1

Lab Sample ID: LCS 880-98373/2-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	258.6		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-98373/3-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	257.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-7492-20 MS

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: SS 477

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	126		257	387.5		mg/Kg		102	90 - 110

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-7492-20 MSD							Client Sample ID: SS 477					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 98377												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	126		248	372.8		mg/Kg		100	90 - 110	4	20	

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA

Analysis Batch: 98350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-2	SS 20	Total/NA	Solid	8021B	98432
890-7492-3	SS 64	Total/NA	Solid	8021B	98432
890-7492-4	SS 80	Total/NA	Solid	8021B	98432
890-7492-5	SS 262	Total/NA	Solid	8021B	98432
890-7492-6	SS 320	Total/NA	Solid	8021B	98432
MB 880-98432/5-A	Method Blank	Total/NA	Solid	8021B	98432
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	8021B	98432
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98432

Analysis Batch: 98351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	8021B	98433
890-7492-8	SS 46	Total/NA	Solid	8021B	98433
890-7492-9	SS 107	Total/NA	Solid	8021B	98433
890-7492-10	SS 290	Total/NA	Solid	8021B	98433
890-7492-11	SS 339	Total/NA	Solid	8021B	98433
890-7492-12	SS 495	Total/NA	Solid	8021B	98433
MB 880-98433/5-A	Method Blank	Total/NA	Solid	8021B	98433
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	8021B	98433
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98433

Analysis Batch: 98352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	8021B	98434
890-7492-20	SS 477	Total/NA	Solid	8021B	98434
890-7492-21	SS 176	Total/NA	Solid	8021B	98434
890-7492-22	SS 138	Total/NA	Solid	8021B	98434
890-7492-23	SS 420	Total/NA	Solid	8021B	98434
MB 880-98434/5-A	Method Blank	Total/NA	Solid	8021B	98434
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	8021B	98434
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98434

Analysis Batch: 98353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8021B	98435
890-7492-14	SS 154	Total/NA	Solid	8021B	98435
890-7492-15	SS 504	Total/NA	Solid	8021B	98435
890-7492-16	SS 398	Total/NA	Solid	8021B	98435
890-7492-17	SS 183	Total/NA	Solid	8021B	98435
890-7492-18	SS 200	Total/NA	Solid	8021B	98435
MB 880-98435/5-A	Method Blank	Total/NA	Solid	8021B	98435
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	8021B	98435
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98435

Prep Batch: 98432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	5035	
890-7492-2	SS 20	Total/NA	Solid	5035	
890-7492-3	SS 64	Total/NA	Solid	5035	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Prep Batch: 98432 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-4	SS 80	Total/NA	Solid	5035	
890-7492-5	SS 262	Total/NA	Solid	5035	
890-7492-6	SS 320	Total/NA	Solid	5035	
MB 880-98432/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	5035	
890-7492-8	SS 46	Total/NA	Solid	5035	
890-7492-9	SS 107	Total/NA	Solid	5035	
890-7492-10	SS 290	Total/NA	Solid	5035	
890-7492-11	SS 339	Total/NA	Solid	5035	
890-7492-12	SS 495	Total/NA	Solid	5035	
MB 880-98433/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	5035	
890-7492-20	SS 477	Total/NA	Solid	5035	
890-7492-21	SS 176	Total/NA	Solid	5035	
890-7492-22	SS 138	Total/NA	Solid	5035	
890-7492-23	SS 420	Total/NA	Solid	5035	
MB 880-98434/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	5035	
890-7492-14	SS 154	Total/NA	Solid	5035	
890-7492-15	SS 504	Total/NA	Solid	5035	
890-7492-16	SS 398	Total/NA	Solid	5035	
890-7492-17	SS 183	Total/NA	Solid	5035	
890-7492-18	SS 200	Total/NA	Solid	5035	
MB 880-98435/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 98498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	Total BTEX	
890-7492-2	SS 20	Total/NA	Solid	Total BTEX	
890-7492-3	SS 64	Total/NA	Solid	Total BTEX	
890-7492-4	SS 80	Total/NA	Solid	Total BTEX	
890-7492-5	SS 262	Total/NA	Solid	Total BTEX	
890-7492-6	SS 320	Total/NA	Solid	Total BTEX	
890-7492-7	SS 488	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Analysis Batch: 98498 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-8	SS 46	Total/NA	Solid	Total BTEX	
890-7492-9	SS 107	Total/NA	Solid	Total BTEX	
890-7492-10	SS 290	Total/NA	Solid	Total BTEX	
890-7492-11	SS 339	Total/NA	Solid	Total BTEX	
890-7492-12	SS 495	Total/NA	Solid	Total BTEX	
890-7492-13	SS 129	Total/NA	Solid	Total BTEX	
890-7492-14	SS 154	Total/NA	Solid	Total BTEX	
890-7492-15	SS 504	Total/NA	Solid	Total BTEX	
890-7492-16	SS 398	Total/NA	Solid	Total BTEX	
890-7492-17	SS 183	Total/NA	Solid	Total BTEX	
890-7492-18	SS 200	Total/NA	Solid	Total BTEX	
890-7492-19	SS 435	Total/NA	Solid	Total BTEX	
890-7492-20	SS 477	Total/NA	Solid	Total BTEX	
890-7492-21	SS 176	Total/NA	Solid	Total BTEX	
890-7492-22	SS 138	Total/NA	Solid	Total BTEX	
890-7492-23	SS 420	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 98401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015NM Prep	
890-7492-2	SS 20	Total/NA	Solid	8015NM Prep	
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 98402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-4	SS 80	Total/NA	Solid	8015NM Prep	
890-7492-5	SS 262	Total/NA	Solid	8015NM Prep	
890-7492-6	SS 320	Total/NA	Solid	8015NM Prep	
890-7492-7	SS 488	Total/NA	Solid	8015NM Prep	
890-7492-8	SS 46	Total/NA	Solid	8015NM Prep	
890-7492-9	SS 107	Total/NA	Solid	8015NM Prep	
890-7492-10	SS 290	Total/NA	Solid	8015NM Prep	
890-7492-11	SS 339	Total/NA	Solid	8015NM Prep	
890-7492-12	SS 495	Total/NA	Solid	8015NM Prep	
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-3 MS	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-3 MSD	SS 64	Total/NA	Solid	8015NM Prep	

Prep Batch: 98403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-14	SS 154	Total/NA	Solid	8015NM Prep	
890-7492-15	SS 504	Total/NA	Solid	8015NM Prep	
890-7492-16	SS 398	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Prep Batch: 98403 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-17	SS 183	Total/NA	Solid	8015NM Prep	
890-7492-18	SS 200	Total/NA	Solid	8015NM Prep	
890-7492-19	SS 435	Total/NA	Solid	8015NM Prep	
890-7492-20	SS 477	Total/NA	Solid	8015NM Prep	
890-7492-21	SS 176	Total/NA	Solid	8015NM Prep	
890-7492-22	SS 138	Total/NA	Solid	8015NM Prep	
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-13 MS	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-13 MSD	SS 129	Total/NA	Solid	8015NM Prep	

Prep Batch: 98404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015NM Prep	
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-23 MS	SS 420	Total/NA	Solid	8015NM Prep	
890-7492-23 MSD	SS 420	Total/NA	Solid	8015NM Prep	

Analysis Batch: 98423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015B NM	98401
890-7492-2	SS 20	Total/NA	Solid	8015B NM	98401
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015B NM	98401
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98401
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98401

Analysis Batch: 98425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-4	SS 80	Total/NA	Solid	8015B NM	98402
890-7492-5	SS 262	Total/NA	Solid	8015B NM	98402
890-7492-6	SS 320	Total/NA	Solid	8015B NM	98402
890-7492-7	SS 488	Total/NA	Solid	8015B NM	98402
890-7492-8	SS 46	Total/NA	Solid	8015B NM	98402
890-7492-9	SS 107	Total/NA	Solid	8015B NM	98402
890-7492-10	SS 290	Total/NA	Solid	8015B NM	98402
890-7492-11	SS 339	Total/NA	Solid	8015B NM	98402
890-7492-12	SS 495	Total/NA	Solid	8015B NM	98402
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015B NM	98402
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98402
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98402
890-7492-3 MS	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-3 MSD	SS 64	Total/NA	Solid	8015B NM	98402

Analysis Batch: 98427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-14	SS 154	Total/NA	Solid	8015B NM	98403

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Analysis Batch: 98427 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-15	SS 504	Total/NA	Solid	8015B NM	98403
890-7492-16	SS 398	Total/NA	Solid	8015B NM	98403
890-7492-17	SS 183	Total/NA	Solid	8015B NM	98403
890-7492-18	SS 200	Total/NA	Solid	8015B NM	98403
890-7492-19	SS 435	Total/NA	Solid	8015B NM	98403
890-7492-20	SS 477	Total/NA	Solid	8015B NM	98403
890-7492-21	SS 176	Total/NA	Solid	8015B NM	98403
890-7492-22	SS 138	Total/NA	Solid	8015B NM	98403
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015B NM	98403
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98403
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98403
890-7492-13 MS	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-13 MSD	SS 129	Total/NA	Solid	8015B NM	98403

Analysis Batch: 98430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015B NM	98404
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015B NM	98404
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98404
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98404
890-7492-23 MS	SS 420	Total/NA	Solid	8015B NM	98404
890-7492-23 MSD	SS 420	Total/NA	Solid	8015B NM	98404

Analysis Batch: 98523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015 NM	
890-7492-2	SS 20	Total/NA	Solid	8015 NM	
890-7492-3	SS 64	Total/NA	Solid	8015 NM	
890-7492-4	SS 80	Total/NA	Solid	8015 NM	
890-7492-5	SS 262	Total/NA	Solid	8015 NM	
890-7492-6	SS 320	Total/NA	Solid	8015 NM	
890-7492-7	SS 488	Total/NA	Solid	8015 NM	
890-7492-8	SS 46	Total/NA	Solid	8015 NM	
890-7492-9	SS 107	Total/NA	Solid	8015 NM	
890-7492-10	SS 290	Total/NA	Solid	8015 NM	
890-7492-11	SS 339	Total/NA	Solid	8015 NM	
890-7492-12	SS 495	Total/NA	Solid	8015 NM	
890-7492-13	SS 129	Total/NA	Solid	8015 NM	
890-7492-14	SS 154	Total/NA	Solid	8015 NM	
890-7492-15	SS 504	Total/NA	Solid	8015 NM	
890-7492-16	SS 398	Total/NA	Solid	8015 NM	
890-7492-17	SS 183	Total/NA	Solid	8015 NM	
890-7492-18	SS 200	Total/NA	Solid	8015 NM	
890-7492-19	SS 435	Total/NA	Solid	8015 NM	
890-7492-20	SS 477	Total/NA	Solid	8015 NM	
890-7492-21	SS 176	Total/NA	Solid	8015 NM	
890-7492-22	SS 138	Total/NA	Solid	8015 NM	
890-7492-23	SS 420	Total/NA	Solid	8015 NM	

Eurofins Carlsbad

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC

Leach Batch: 98373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	DI Leach	
890-7492-13	SS 129	Soluble	Solid	DI Leach	
890-7492-14	SS 154	Soluble	Solid	DI Leach	
890-7492-15	SS 504	Soluble	Solid	DI Leach	
890-7492-16	SS 398	Soluble	Solid	DI Leach	
890-7492-17	SS 183	Soluble	Solid	DI Leach	
890-7492-18	SS 200	Soluble	Solid	DI Leach	
890-7492-19	SS 435	Soluble	Solid	DI Leach	
890-7492-20	SS 477	Soluble	Solid	DI Leach	
890-7492-21	SS 176	Soluble	Solid	DI Leach	
890-7492-22	SS 138	Soluble	Solid	DI Leach	
890-7492-23	SS 420	Soluble	Solid	DI Leach	
MB 880-98373/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-20 MS	SS 477	Soluble	Solid	DI Leach	
890-7492-20 MSD	SS 477	Soluble	Solid	DI Leach	

Leach Batch: 98374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	DI Leach	
890-7492-2	SS 20	Soluble	Solid	DI Leach	
890-7492-3	SS 64	Soluble	Solid	DI Leach	
890-7492-4	SS 80	Soluble	Solid	DI Leach	
890-7492-5	SS 262	Soluble	Solid	DI Leach	
890-7492-6	SS 320	Soluble	Solid	DI Leach	
890-7492-7	SS 488	Soluble	Solid	DI Leach	
890-7492-8	SS 46	Soluble	Solid	DI Leach	
890-7492-9	SS 107	Soluble	Solid	DI Leach	
890-7492-10	SS 290	Soluble	Solid	DI Leach	
890-7492-11	SS 339	Soluble	Solid	DI Leach	
MB 880-98374/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-2 MS	SS 20	Soluble	Solid	DI Leach	
890-7492-2 MSD	SS 20	Soluble	Solid	DI Leach	

Analysis Batch: 98376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	300.0	98374
890-7492-2	SS 20	Soluble	Solid	300.0	98374
890-7492-3	SS 64	Soluble	Solid	300.0	98374
890-7492-4	SS 80	Soluble	Solid	300.0	98374
890-7492-5	SS 262	Soluble	Solid	300.0	98374
890-7492-6	SS 320	Soluble	Solid	300.0	98374
890-7492-7	SS 488	Soluble	Solid	300.0	98374
890-7492-8	SS 46	Soluble	Solid	300.0	98374
890-7492-9	SS 107	Soluble	Solid	300.0	98374
890-7492-10	SS 290	Soluble	Solid	300.0	98374
890-7492-11	SS 339	Soluble	Solid	300.0	98374
MB 880-98374/1-A	Method Blank	Soluble	Solid	300.0	98374

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC (Continued)

Analysis Batch: 98376 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	300.0	98374
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98374
890-7492-2 MS	SS 20	Soluble	Solid	300.0	98374
890-7492-2 MSD	SS 20	Soluble	Solid	300.0	98374

Analysis Batch: 98377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	300.0	98373
890-7492-13	SS 129	Soluble	Solid	300.0	98373
890-7492-14	SS 154	Soluble	Solid	300.0	98373
890-7492-15	SS 504	Soluble	Solid	300.0	98373
890-7492-16	SS 398	Soluble	Solid	300.0	98373
890-7492-17	SS 183	Soluble	Solid	300.0	98373
890-7492-18	SS 200	Soluble	Solid	300.0	98373
890-7492-19	SS 435	Soluble	Solid	300.0	98373
890-7492-20	SS 477	Soluble	Solid	300.0	98373
890-7492-21	SS 176	Soluble	Solid	300.0	98373
890-7492-22	SS 138	Soluble	Solid	300.0	98373
890-7492-23	SS 420	Soluble	Solid	300.0	98373
MB 880-98373/1-A	Method Blank	Soluble	Solid	300.0	98373
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	300.0	98373
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98373
890-7492-20 MS	SS 477	Soluble	Solid	300.0	98373
890-7492-20 MSD	SS 477	Soluble	Solid	300.0	98373

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01**Lab Sample ID: 890-7492-1****Date Collected: 12/19/24 08:20****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 11:51
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		5	98350	MNR	EET MID	12/20/24 13:55
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:55
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		20	98376	CH	EET MID	12/20/24 10:49

Client Sample ID: SS 20**Lab Sample ID: 890-7492-2****Date Collected: 12/19/24 08:36****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:15
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:15
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 10:58

Client Sample ID: SS 64**Lab Sample ID: 890-7492-3****Date Collected: 12/19/24 08:47****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 12:33
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:33
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 09:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 09:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:54

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80
Date Collected: 12/19/24 08:53
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:36
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:36
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:24
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:24
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:30

Client Sample ID: SS 262
Date Collected: 12/19/24 08:59
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		50	98350	MNR	EET MID	12/20/24 13:14
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:14
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:38
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:38
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:48

Client Sample ID: SS 320
Date Collected: 12/19/24 09:04
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		25	98350	MNR	EET MID	12/20/24 13:34
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:34
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:53
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:53
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:59

Client Sample ID: SS 488
Date Collected: 12/19/24 09:12
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		100	98351	MNR	EET MID	12/20/24 12:24
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:24

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488

Date Collected: 12/19/24 09:12

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:08
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:08
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:06

Client Sample ID: SS 46

Date Collected: 12/19/24 10:15

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 12:45
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:45
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:25
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:25
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:11

Client Sample ID: SS 107

Date Collected: 12/19/24 10:22

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:05
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:05
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:17

Client Sample ID: SS 290

Date Collected: 12/19/24 10:30

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:25
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:25
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:54
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:54

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 290

Date Collected: 12/19/24 10:30

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:23

Client Sample ID: SS 339

Date Collected: 12/19/24 10:37

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:46
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:46
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:29

Client Sample ID: SS 495

Date Collected: 12/19/24 10:44

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 14:06
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:06
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:36

Client Sample ID: SS 129

Date Collected: 12/19/24 11:07

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 11:49
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 11:49
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:43

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Date Collected: 12/19/24 11:19

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:10
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:10
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:00
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:00
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:50

Client Sample ID: SS 504

Date Collected: 12/19/24 11:40

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		10	98353	MNR	EET MID	12/20/24 13:32
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:32
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:15
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:15
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:12

Client Sample ID: SS 398

Date Collected: 12/19/24 11:27

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:30
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:30
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:31
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:31
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:19

Client Sample ID: SS 183

Date Collected: 12/19/24 11:44

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:51
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:51

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183**Lab Sample ID: 890-7492-17****Date Collected: 12/19/24 11:44****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:47
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:47
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:26

Client Sample ID: SS 200**Lab Sample ID: 890-7492-18****Date Collected: 12/19/24 11:49****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 13:11
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:11
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:03
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:03
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:33

Client Sample ID: SS 435**Lab Sample ID: 890-7492-19****Date Collected: 12/19/24 11:53****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:07
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:07
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:20
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:20
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:40

Client Sample ID: SS 477**Lab Sample ID: 890-7492-20****Date Collected: 12/19/24 12:02****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:27
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:27
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:36
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:36

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 477
Date Collected: 12/19/24 12:02
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:48

Client Sample ID: SS 176
Date Collected: 12/19/24 12:07
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		10	98352	MNR	EET MID	12/20/24 13:28
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:28
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:52
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:52
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:09

Client Sample ID: SS 138
Date Collected: 12/19/24 12:17
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:48
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:48
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 14:07
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 14:07
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 10:16

Client Sample ID: SS 420
Date Collected: 12/19/24 12:22
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 13:08
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:08
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98404	EL	EET MID	12/19/24 21:32
Total/NA	Analysis	8015B NM		1	98430	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:38

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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Method Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7492-1	SS 01	Solid	12/19/24 08:20	12/19/24 15:45	- SURFACE
890-7492-2	SS 20	Solid	12/19/24 08:36	12/19/24 15:45	- SURFACE
890-7492-3	SS 64	Solid	12/19/24 08:47	12/19/24 15:45	- SURFACE
890-7492-4	SS 80	Solid	12/19/24 08:53	12/19/24 15:45	- SURFACE
890-7492-5	SS 262	Solid	12/19/24 08:59	12/19/24 15:45	- SURFACE
890-7492-6	SS 320	Solid	12/19/24 09:04	12/19/24 15:45	- SURFACE
890-7492-7	SS 488	Solid	12/19/24 09:12	12/19/24 15:45	- SURFACE
890-7492-8	SS 46	Solid	12/19/24 10:15	12/19/24 15:45	- SURFACE
890-7492-9	SS 107	Solid	12/19/24 10:22	12/19/24 15:45	- SURFACE
890-7492-10	SS 290	Solid	12/19/24 10:30	12/19/24 15:45	- SURFACE
890-7492-11	SS 339	Solid	12/19/24 10:37	12/19/24 15:45	- SURFACE
890-7492-12	SS 495	Solid	12/19/24 10:44	12/19/24 15:45	- SURFACE
890-7492-13	SS 129	Solid	12/19/24 11:07	12/19/24 15:45	- SURFACE
890-7492-14	SS 154	Solid	12/19/24 11:19	12/19/24 15:45	- SURFACE
890-7492-15	SS 504	Solid	12/19/24 11:40	12/19/24 15:45	- SURFACE
890-7492-16	SS 398	Solid	12/19/24 11:27	12/19/24 15:45	- SURFACE
890-7492-17	SS 183	Solid	12/19/24 11:44	12/19/24 15:45	- SURFACE
890-7492-18	SS 200	Solid	12/19/24 11:49	12/19/24 15:45	- SURFACE
890-7492-19	SS 435	Solid	12/19/24 11:53	12/19/24 15:45	- SURFACE
890-7492-20	SS 477	Solid	12/19/24 12:02	12/19/24 15:45	- SURFACE
890-7492-21	SS 176	Solid	12/19/24 12:07	12/19/24 15:45	- SURFACE
890-7492-22	SS 138	Solid	12/19/24 12:17	12/19/24 15:45	- SURFACE
890-7492-23	SS 420	Solid	12/19/24 12:22	12/19/24 15:45	- SURFACE



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 1 of 3

Project Manager: <u>Michael Wicker</u>		Bill to: (if different)		<u>CDH Consulting</u>	
Company Name: <u>Cotto</u>		Company Name:		Program: ☐ PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
Address:		Address:		State of Project:	
City, State ZIP:		City, State ZIP:		Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Phone: <u>1616-970-8459</u>		Email: <u>mwicker@cdhconsult.com</u>		Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name: <u>Close Encounter 30114</u>		Turn Around		Preservative Codes	
		☐ Routine	☒ Rush	None: NO	DI Water: H ₂ O
Project Number:		Due Date: <u>12-20-2024</u>		Cool: Cool	MeOH: Me
Project Location:	<u>Buckeye, NM</u>	TAT starts the day received by the lab, if received by 4:30pm		HCL: HC	HNO ₃
Sampler's Name:	<u>Dakotah Cueto</u>			H ₂ SO ₄ : H ₂	NaOH: Na
PO #:				H ₃ PO ₄ : HP	

SAMPLE RECEIPT		Temp Blank:		Wet Ice:		Thermometer ID:		Correction Factor:		Temperature Reading:		Corrected Temperature:	
Yes	No	Yes	No	Yes	No								
☒	☒	☒	☒	☒	☒	<u>Turner</u>		<u>-0.2</u>		<u>5.8</u>		<u>5.0</u>	
Samples Received Intact:		Cooler Custody Seals:		Sample Custody Seals:		Total Containers:							

Sample Identification		Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters	Free Code	ANALYSIS REQUEST	Preservative Codes	Sample Comments
SS01	S	12-19-24	08:20	Surf	C	1					
SS20	S		08:36		C	1					
SS64	S		08:47		C	1					
SS80	S		08:53		C	1					
SS262	S		08:59		C	1					
SS320	S		09:04		C	1					
SS488	S		09:12		C	1					
SS46	S		10:15		C	1					
SS107	S		10:22		C	1					
SS290	S		10:30		C	1					

990-7492 Chain of Custody

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn	
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471	

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>Dakotah Cueto</u>	<u>Ben</u>	12/19 1545			
3		4			
5		6			

Chain of Custody



Environment Testing

Work Order No:

Page 2 of 3

Little Rock, AR (501) 224-5060

Project Manager: Michael Wicker		Bill to: (if different) CDH Consulting	
Company Name: CDH		Company Name:	
Address:		Address:	
City, State ZIP:		City, State ZIP:	
Phone: 616-970-8459		Email: mwicker@cdhconsult.com	
Project Name: Close Encounters 301H		Turn Around	
Project Number:		☐ Routine ☒ Rush	
Project Location: Buckeye, NM		Due Date: 12-20-2024	
Sampler's Name: Dakeatah Cueto		TAT starts the day received by the lab, if received by 4:30pm	
PO #:			
SAMPLE RECEIPT		Parameters	
Temp Blank: Yes No		Wet Ice: Yes No	
Samples Received Intact: Yes No		Thermometer ID:	
Cooler Custody Seals: Yes No N/A		Correction Factor:	
Sample Custody Seals: Yes No N/A		Temperature Reading:	
Total Containers:		Corrected Temperature:	
Sample Identification		Matrix	
Date Sampled		Time Sampled	
Depth		Grab/ # of Comp Cont	
55339		S 12/19/2024 10:37 Surf C 1	
55495		S 10:44 C 1	
55129		S 11:07 C 1	
55154		S 11:19 C 1	
55504		S 11:40 C 1	
55398		S 11:27 C 1	
55183		S 11:44 C 1	
55200		S 11:49 C 1	
55435		S 11:53 C 1	
55477		S 12:02 C 1	
Total 200.7 / 6010 200.8 / 6020:		8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti Sn U V Zn	
Circle Method(s) and Metal(s) to be analyzed		TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471	
Relinquished by: (Signature) Dakeatah Cueto		Received by: (Signature)	
Date/Time		Date/Time	
Relinquished by: (Signature)		Received by: (Signature)	
Date/Time		Date/Time	



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3499
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

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[illegible]

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Source: Eurofins Midland

List Number: 2

List Creation: 12/19/24 09:21 PM

Creator: Laing, Edmundo

Question	Answer	Comment
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time (excluding tests with immediate HTs)		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").		



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Michael Wicker
CDH Consulting
9446 Clermont St,
Thornton, Colorado 80229
Generated 12/20/2024 3:02:55 PM

JOB DESCRIPTION

CLOSE ENCOUNTER 301 H
BUCKEYE

JOB NUMBER

890-7492-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220



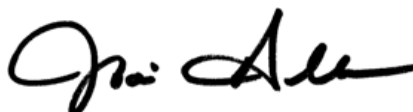
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
12/20/2024 3:02:55 PM

Authorized for release by
Jodi Allen, Project Manager I
Jodi.Allen@et.eurofinsus.com
(281)520-2865

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Laboratory Job ID: 890-7492-1
SDG: BUCKEYE

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Definitions/Glossary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1

Eurofins Carlsbad

Job Narrative
890-7492-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 12/19/2024 3:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 64 (890-7492-3), SS 80 (890-7492-4), SS 262 (890-7492-5), SS 320 (890-7492-6), SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11), SS 495 (890-7492-12), SS 129 (890-7492-13), SS 154 (890-7492-14), SS 504 (890-7492-15), SS 398 (890-7492-16), SS 183 (890-7492-17), SS 200 (890-7492-18), SS 435 (890-7492-19), SS 477 (890-7492-20), SS 176 (890-7492-21), SS 138 (890-7492-22) and SS 420 (890-7492-23).

GC VOA

Method 8021B: The following samples were diluted due to physical characteristics such as color, odor, appearance, viscosity, etc. >>: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 80 (890-7492-4), SS 262 (890-7492-5) and SS 320 (890-7492-6). Elevated reporting limits (RL) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 01 (890-7492-1), SS 20 (890-7492-2) and SS 64 (890-7492-3). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 398 (890-7492-16) and SS 200 (890-7492-18). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SS 176 (890-7492-21). Evidence of matrix interferences is not obvious.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11) and SS 495 (890-7492-12). Elevated reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 46 (890-7492-8), SS 290 (890-7492-10) and SS 495 (890-7492-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: SS 504 (890-7492-15). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-98402/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98402 and analytical batch 880-98425 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within

Eurofins Carlsbad

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1 (Continued)

Eurofins Carlsbad

acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SS 262 (890-7492-5). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Due to the high concentration of Diesel Range Organics (Over C10-C28), the matrix spike (MS) for preparation batch 880-98403 and analytical batch 880-98427 could not be evaluated for accuracy. The associated matrix spike duplicate (MSD) met acceptance criteria.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SS 477 (890-7492-20), (LCS 880-98403/2-A) and (LCSD 880-98403/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The method blank for preparation batch 880-98404 and analytical batch 880-98430 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-98404/2-A) and (LCSD 880-98404/3-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-98404 and analytical batch 880-98430 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The laboratory control sample (LCS) for preparation batch 880-98403 and analytical batch 880-98427 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10. Since only an acceptable LCSD is required per the method, the LCSD shows recovery for the batch and the data has been qualified and reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98374 and analytical batch 880-98376 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Carlsbad

Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01

Lab Sample ID: 890-7492-1

Date Collected: 12/19/24 08:20

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0101	U	0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Ethylbenzene	0.0947		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Toluene	0.0306		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Xylenes, Total	1.81		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
m-Xylene & p-Xylene	0.0449		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
o-Xylene	1.77		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:24	12/20/24 11:51	20
1,4-Difluorobenzene (Surr)	124		70 - 130				12/20/24 08:24	12/20/24 11:51	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.94		0.0202		mg/Kg			12/20/24 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	287		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	287		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				12/19/24 21:26	12/20/24 12:09	1
o-Terphenyl	86		70 - 130				12/19/24 21:26	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17600		199		mg/Kg			12/20/24 10:49	20

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Ethylbenzene	0.0420		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Toluene	0.0216		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Xylenes, Total	0.350		0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
m-Xylene & p-Xylene	<0.0401	U	0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
o-Xylene	0.350		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				12/20/24 08:24	12/20/24 14:15	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	136	S1+	70 - 130	12/20/24 08:24	12/20/24 14:15	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.414		0.0401		mg/Kg			12/20/24 14:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	110		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	110		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				12/19/24 21:26	12/20/24 12:23	1
o-Terphenyl	77		70 - 130				12/19/24 21:26	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300	F1	49.9		mg/Kg			12/20/24 10:58	5

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Ethylbenzene	0.242		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Toluene	0.0581		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Xylenes, Total	0.781		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
m-Xylene & p-Xylene	0.189		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
o-Xylene	0.592		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20
1,4-Difluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.08		0.0795		mg/Kg			12/20/24 12:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	631		50.0		mg/Kg			12/20/24 09:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Diesel Range Organics (Over C10-C28)	631	F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 09:40	1
o-Terphenyl	78		70 - 130				12/19/24 21:28	12/20/24 09:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3110		50.2		mg/Kg			12/20/24 11:54	5

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Ethylbenzene	0.0344		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Toluene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Xylenes, Total	0.680		0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
m-Xylene & p-Xylene	<0.0399	U	0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
o-Xylene	0.680		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				12/20/24 08:24	12/20/24 14:36	10
1,4-Difluorobenzene (Surr)	106		70 - 130				12/20/24 08:24	12/20/24 14:36	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.714		0.0399		mg/Kg			12/20/24 14:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	188		50.0		mg/Kg			12/20/24 10:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Diesel Range Organics (Over C10-C28)	188		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				12/19/24 21:28	12/20/24 10:24	1
o-Terphenyl	74		70 - 130				12/19/24 21:28	12/20/24 10:24	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3070		100		mg/Kg			12/20/24 11:30	10

Client Sample ID: SS 262

Lab Sample ID: 890-7492-5

Date Collected: 12/19/24 08:59

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Ethylbenzene	0.966		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Toluene	0.415		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Xylenes, Total	1.51		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
m-Xylene & p-Xylene	0.756		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
o-Xylene	0.754		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				12/20/24 08:24	12/20/24 13:14	50
1,4-Difluorobenzene (Surr)	122		70 - 130				12/20/24 08:24	12/20/24 13:14	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.89		0.202		mg/Kg			12/20/24 13:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	463		50.0		mg/Kg			12/20/24 10:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Diesel Range Organics (Over C10-C28)	463		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				12/19/24 21:28	12/20/24 10:38	1
o-Terphenyl	69	S1-	70 - 130				12/19/24 21:28	12/20/24 10:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4470		99.4		mg/Kg			12/20/24 11:48	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 320

Lab Sample ID: 890-7492-6

Date Collected: 12/19/24 09:04

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0503	U	0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Ethylbenzene	0.537		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Toluene	0.125		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Xylenes, Total	1.20		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
m-Xylene & p-Xylene	0.454		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
o-Xylene	0.746		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				12/20/24 08:24	12/20/24 13:34	25
1,4-Difluorobenzene (Surr)	126		70 - 130				12/20/24 08:24	12/20/24 13:34	25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.86		0.101		mg/Kg			12/20/24 13:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	876		49.7		mg/Kg			12/20/24 10:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Diesel Range Organics (Over C10-C28)	876		49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				12/19/24 21:28	12/20/24 10:53	1
o-Terphenyl	75		70 - 130				12/19/24 21:28	12/20/24 10:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3410		49.8		mg/Kg			12/20/24 11:59	5

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.199	U	0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Ethylbenzene	1.92		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Toluene	0.602		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Xylenes, Total	3.04		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
m-Xylene & p-Xylene	1.78		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
o-Xylene	1.26		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				12/20/24 08:27	12/20/24 12:24	100

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	100		70 - 130	12/20/24 08:27	12/20/24 12:24	100

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	5.56		0.398		mg/Kg			12/20/24 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2500		49.8		mg/Kg			12/20/24 11:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.7		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Diesel Range Organics (Over C10-C28)	2410		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:08	1
o-Terphenyl	95		70 - 130				12/19/24 21:28	12/20/24 11:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3680		49.6		mg/Kg			12/20/24 12:06	5

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.11		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Ethylbenzene	9.28		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Toluene	7.96		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Xylenes, Total	10.9		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
m-Xylene & p-Xylene	6.88		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
o-Xylene	4.05		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130				12/20/24 08:27	12/20/24 12:45	50
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:27	12/20/24 12:45	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	29.3		0.200		mg/Kg			12/20/24 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1330		49.9		mg/Kg			12/20/24 11:25	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	95.0		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Diesel Range Organics (Over C10-C28)	1230		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:25	1
o-Terphenyl	81		70 - 130				12/19/24 21:28	12/20/24 11:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5420		101		mg/Kg			12/20/24 12:11	10

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Ethylbenzene	1.52		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Toluene	0.807		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Xylenes, Total	4.70		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
m-Xylene & p-Xylene	3.88		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
o-Xylene	0.815		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				12/20/24 08:27	12/20/24 13:05	50
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:27	12/20/24 13:05	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	7.02		0.202		mg/Kg			12/20/24 13:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	60.0		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Diesel Range Organics (Over C10-C28)	1450		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:40	1
o-Terphenyl	86		70 - 130				12/19/24 21:28	12/20/24 11:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5250		99.4		mg/Kg			12/20/24 12:17	10

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.151		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Ethylbenzene	3.30		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Toluene	1.75		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Xylenes, Total	4.33		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
m-Xylene & p-Xylene	2.60		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
o-Xylene	1.73		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:27	12/20/24 13:25	50
1,4-Difluorobenzene (Surr)	100		70 - 130				12/20/24 08:27	12/20/24 13:25	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	9.53		0.201		mg/Kg			12/20/24 13:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2470		49.8		mg/Kg			12/20/24 11:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	129		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Diesel Range Organics (Over C10-C28)	2340		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				12/19/24 21:28	12/20/24 11:54	1
o-Terphenyl	105		70 - 130				12/19/24 21:28	12/20/24 11:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5400		99.8		mg/Kg			12/20/24 12:23	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.106		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Ethylbenzene	3.81		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Toluene	1.12		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Xylenes, Total	5.28		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
m-Xylene & p-Xylene	3.48		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
o-Xylene	1.80		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	12/20/24 08:27	12/20/24 13:46	50
1,4-Difluorobenzene (Surr)	99		70 - 130	12/20/24 08:27	12/20/24 13:46	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	10.3		0.200		mg/Kg			12/20/24 13:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3950		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	154		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	3800		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	12/19/24 21:28	12/20/24 12:09	1
o-Terphenyl	121		70 - 130	12/19/24 21:28	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4280		49.9		mg/Kg			12/20/24 12:29	5

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0994	U	0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Ethylbenzene	5.40		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Toluene	1.34		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Xylenes, Total	7.57		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
m-Xylene & p-Xylene	4.90		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
o-Xylene	2.67		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130	12/20/24 08:27	12/20/24 14:06	50

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	12/20/24 08:27	12/20/24 14:06	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	14.3		0.199		mg/Kg			12/20/24 14:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3070		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	177		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	2890		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:28	12/20/24 12:23	1
o-Terphenyl	108		70 - 130				12/19/24 21:28	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3660		49.6		mg/Kg			12/20/24 08:36	5

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Ethylbenzene	0.0238		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Toluene	0.00837		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Xylenes, Total	0.0306		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
m-Xylene & p-Xylene	0.0204		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
o-Xylene	0.0102		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	12/20/24 08:33	12/20/24 11:49	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/20/24 08:33	12/20/24 11:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0628		0.00404		mg/Kg			12/20/24 11:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	538		49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Diesel Range Organics (Over C10-C28)	538	F1	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 11:11	1
o-Terphenyl	79		70 - 130				12/19/24 21:30	12/20/24 11:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3350		50.0		mg/Kg			12/20/24 08:43	5

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Ethylbenzene	0.0475		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Toluene	0.0124		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Xylenes, Total	0.0632		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
m-Xylene & p-Xylene	0.0373		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
o-Xylene	0.0259		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				12/20/24 08:33	12/20/24 12:10	1
1,4-Difluorobenzene (Surr)	93		70 - 130				12/20/24 08:33	12/20/24 12:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.123		0.00401		mg/Kg			12/20/24 12:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2710		49.8		mg/Kg			12/20/24 12:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Diesel Range Organics (Over C10-C28)	2710		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 12:00	1
o-Terphenyl	120		70 - 130				12/19/24 21:30	12/20/24 12:00	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1710		50.3		mg/Kg			12/20/24 08:50	5

Client Sample ID: SS 504

Lab Sample ID: 890-7492-15

Date Collected: 12/19/24 11:40

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Ethylbenzene	0.563		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Toluene	0.173		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Xylenes, Total	0.464		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
m-Xylene & p-Xylene	0.290		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
o-Xylene	0.174		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				12/20/24 08:33	12/20/24 13:32	10
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:33	12/20/24 13:32	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.20		0.0398		mg/Kg			12/20/24 13:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 12:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Diesel Range Organics (Over C10-C28)	1510		50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				12/19/24 21:30	12/20/24 12:15	1
o-Terphenyl	97		70 - 130				12/19/24 21:30	12/20/24 12:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2990		50.0		mg/Kg			12/20/24 09:12	5

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 398

Lab Sample ID: 890-7492-16

Date Collected: 12/19/24 11:27

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0262		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Ethylbenzene	0.199		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Toluene	0.168		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Xylenes, Total	0.269		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
m-Xylene & p-Xylene	0.158		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
o-Xylene	0.111		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130				12/20/24 08:33	12/20/24 12:30	1
1,4-Difluorobenzene (Surr)	96		70 - 130				12/20/24 08:33	12/20/24 12:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.662		0.00399		mg/Kg			12/20/24 12:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3130		49.9		mg/Kg			12/20/24 12:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.1	++	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Diesel Range Organics (Over C10-C28)	3040		49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				12/19/24 21:30	12/20/24 12:31	1
o-Terphenyl	120		70 - 130				12/19/24 21:30	12/20/24 12:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2960		50.1		mg/Kg			12/20/24 09:19	5

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Ethylbenzene	0.0487		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Toluene	0.00442		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Xylenes, Total	0.0402		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
m-Xylene & p-Xylene	0.0276		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
o-Xylene	0.0126		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				12/20/24 08:33	12/20/24 12:51	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	75		70 - 130	12/20/24 08:33	12/20/24 12:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0933		0.00404		mg/Kg			12/20/24 12:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	311		49.8		mg/Kg			12/20/24 12:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Diesel Range Organics (Over C10-C28)	311		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				12/19/24 21:30	12/20/24 12:47	1
o-Terphenyl	77		70 - 130				12/19/24 21:30	12/20/24 12:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.8		9.96		mg/Kg			12/20/24 09:26	1

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Ethylbenzene	0.191		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Toluene	0.110		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Xylenes, Total	0.265		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
m-Xylene & p-Xylene	0.156		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
o-Xylene	0.109		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130	12/20/24 08:33	12/20/24 13:11	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 13:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.566		0.00402		mg/Kg			12/20/24 13:11	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2050		49.9		mg/Kg			12/20/24 13:03	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Diesel Range Organics (Over C10-C28)	2050		49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				12/19/24 21:30	12/20/24 13:03	1
o-Terphenyl	106		70 - 130				12/19/24 21:30	12/20/24 13:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	930		10.0		mg/Kg			12/20/24 09:33	1

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Ethylbenzene	0.00665		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Toluene	0.00205		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Xylenes, Total	0.0105		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
m-Xylene & p-Xylene	0.00628		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
o-Xylene	0.00418		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				12/20/24 08:30	12/20/24 12:07	1
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 12:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0192		0.00404		mg/Kg			12/20/24 12:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	601		49.7		mg/Kg			12/20/24 13:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U **	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Diesel Range Organics (Over C10-C28)	601		49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				12/19/24 21:30	12/20/24 13:20	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 13:20	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3030		49.7		mg/Kg			12/20/24 09:40	5

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Xylenes, Total	0.133		0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
o-Xylene	0.133		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				12/20/24 08:30	12/20/24 12:27	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/20/24 08:30	12/20/24 12:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.133		0.00401		mg/Kg			12/20/24 12:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/20/24 13:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 13:36	1
o-Terphenyl	66	S1-	70 - 130				12/19/24 21:30	12/20/24 13:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		10.0		mg/Kg			12/20/24 09:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Ethylbenzene	0.950		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Toluene	0.199		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Xylenes, Total	1.58		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
m-Xylene & p-Xylene	0.943		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
o-Xylene	0.636		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	193	S1+	70 - 130				12/20/24 08:30	12/20/24 13:28	10
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 13:28	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.73		0.0398		mg/Kg			12/20/24 13:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2110		49.8		mg/Kg			12/20/24 13:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Diesel Range Organics (Over C10-C28)	2110		49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:30	12/20/24 13:52	1
o-Terphenyl	112		70 - 130				12/19/24 21:30	12/20/24 13:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	812		9.98		mg/Kg			12/20/24 10:09	1

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Ethylbenzene	0.0120		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Toluene	0.00377		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Xylenes, Total	0.0233		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
m-Xylene & p-Xylene	0.0102		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
o-Xylene	0.0131		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				12/20/24 08:30	12/20/24 12:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130	12/20/24 08:30	12/20/24 12:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0391		0.00399		mg/Kg			12/20/24 12:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	573		49.8		mg/Kg			12/20/24 14:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Diesel Range Organics (Over C10-C28)	573		49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 14:07	1
o-Terphenyl	78		70 - 130				12/19/24 21:30	12/20/24 14:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2650		50.1		mg/Kg			12/20/24 10:16	5

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Xylenes, Total	0.0889		0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
o-Xylene	0.0889		0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	12/20/24 08:30	12/20/24 13:08	1
1,4-Difluorobenzene (Surr)	91		70 - 130	12/20/24 08:30	12/20/24 13:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0889		0.00404		mg/Kg			12/20/24 13:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 420
Date Collected: 12/19/24 12:22
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-23
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	104		70 - 130				12/19/24 21:32	12/20/24 11:11	1	
o-Terphenyl	109		70 - 130				12/19/24 21:32	12/20/24 11:11	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	162		9.94		mg/Kg			12/20/24 10:38	1	

Surrogate Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-7492-1	SS 01	131 S1+	124
890-7492-2	SS 20	128	136 S1+
890-7492-3	SS 64	137 S1+	131 S1+
890-7492-4	SS 80	144 S1+	106
890-7492-5	SS 262	125	122
890-7492-6	SS 320	126	126
890-7492-7	SS 488	106	100
890-7492-8	SS 46	171 S1+	94
890-7492-9	SS 107	107	101
890-7492-10	SS 290	131 S1+	100
890-7492-11	SS 339	122	99
890-7492-12	SS 495	139 S1+	104
890-7492-13	SS 129	109	95
890-7492-14	SS 154	99	93
890-7492-15	SS 504	110	94
890-7492-16	SS 398	141 S1+	96
890-7492-17	SS 183	88	75
890-7492-18	SS 200	159 S1+	93
890-7492-19	SS 435	113	104
890-7492-20	SS 477	98	95
890-7492-21	SS 176	193 S1+	104
890-7492-22	SS 138	115	103
890-7492-23	SS 420	95	91
LCS 880-98432/1-A	Lab Control Sample	101	96
LCS 880-98433/1-A	Lab Control Sample	96	103
LCS 880-98434/1-A	Lab Control Sample	107	104
LCS 880-98435/1-A	Lab Control Sample	106	99
LCSD 880-98432/2-A	Lab Control Sample Dup	103	99
LCSD 880-98433/2-A	Lab Control Sample Dup	94	103
LCSD 880-98434/2-A	Lab Control Sample Dup	109	103
LCSD 880-98435/2-A	Lab Control Sample Dup	108	98
MB 880-98432/5-A	Method Blank	112	85
MB 880-98433/5-A	Method Blank	98	96
MB 880-98434/5-A	Method Blank	111	101
MB 880-98435/5-A	Method Blank	92	93
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-1	SS 01	83	86
890-7492-2	SS 20	76	77
890-7492-3	SS 64	75	78
890-7492-3 MS	SS 64	78	76

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Surrogate Summary

Client: CDH Consulting

Job ID: 890-7492-1

Project/Site: CLOSE ENCOUNTER 301 H

SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-3 MSD	SS 64	77	76
890-7492-4	SS 80	73	74
890-7492-5	SS 262	70	69 S1-
890-7492-6	SS 320	74	75
890-7492-7	SS 488	75	95
890-7492-8	SS 46	75	81
890-7492-9	SS 107	75	86
890-7492-10	SS 290	85	105
890-7492-11	SS 339	84	121
890-7492-12	SS 495	88	108
890-7492-13	SS 129	84	79
890-7492-13 MS	SS 129	80	81
890-7492-13 MSD	SS 129	79	81
890-7492-14	SS 154	84	120
890-7492-15	SS 504	92	97
890-7492-16	SS 398	85	120
890-7492-17	SS 183	87	77
890-7492-18	SS 200	82	106
890-7492-19	SS 435	77	74
890-7492-20	SS 477	81	66 S1-
890-7492-21	SS 176	88	112
890-7492-22	SS 138	81	78
890-7492-23	SS 420	104	109
890-7492-23 MS	SS 420	92	99
890-7492-23 MSD	SS 420	92	99
LCS 880-98401/2-A	Lab Control Sample	118	102
LCS 880-98402/2-A	Lab Control Sample	121	104
LCS 880-98403/2-A	Lab Control Sample	136 S1+	123
LCS 880-98404/2-A	Lab Control Sample	158 S1+	172 S1+
LCSD 880-98401/3-A	Lab Control Sample Dup	110	95
LCSD 880-98402/3-A	Lab Control Sample Dup	145 S1+	123
LCSD 880-98403/3-A	Lab Control Sample Dup	133 S1+	120
LCSD 880-98404/3-A	Lab Control Sample Dup	166 S1+	175 S1+
MB 880-98401/1-A	Method Blank	81	80
MB 880-98402/1-A	Method Blank	75	75
MB 880-98403/1-A	Method Blank	91	74
MB 880-98404/1-A	Method Blank	93	96
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-98432/5-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	12/20/24 08:24	12/20/24 11:08	1
1,4-Difluorobenzene (Surr)	85		70 - 130	12/20/24 08:24	12/20/24 11:08	1

Lab Sample ID: LCS 880-98432/1-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1137		mg/Kg		114	70 - 130
Ethylbenzene	0.100	0.1107		mg/Kg		111	70 - 130
Toluene	0.100	0.1082		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2221		mg/Kg		111	70 - 130
o-Xylene	0.100	0.1128		mg/Kg		113	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-98432/2-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1182		mg/Kg		118	70 - 130	4	35
Ethylbenzene	0.100	0.1145		mg/Kg		114	70 - 130	3	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2282		mg/Kg		114	70 - 130	3	35
o-Xylene	0.100	0.1165		mg/Kg		117	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	12/20/24 08:27	12/20/24 11:02	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:27	12/20/24 11:02	1

Lab Sample ID: LCS 880-98433/1-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1001		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09410		mg/Kg		94	70 - 130
Toluene	0.100	0.09371		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1885		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09536		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-98433/2-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1048		mg/Kg		105	70 - 130	5	35
Ethylbenzene	0.100	0.09886		mg/Kg		99	70 - 130	5	35
Toluene	0.100	0.09817		mg/Kg		98	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1969		mg/Kg		98	70 - 130	4	35
o-Xylene	0.100	0.09974		mg/Kg		100	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	111		70 - 130				12/20/24 08:30	12/20/24 11:25	1
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:30	12/20/24 11:25	1

Lab Sample ID: LCS 880-98434/1-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits		
		Result	Qualifier						
Benzene	0.100	0.1149		mg/Kg		115	70 - 130		
Ethylbenzene	0.100	0.1100		mg/Kg		110	70 - 130		
Toluene	0.100	0.1116		mg/Kg		112	70 - 130		
m-Xylene & p-Xylene	0.200	0.2234		mg/Kg		112	70 - 130		
o-Xylene	0.100	0.1142		mg/Kg		114	70 - 130		
Surrogate	LCS	LCS	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	107		70 - 130						
1,4-Difluorobenzene (Surr)	104		70 - 130						

Lab Sample ID: LCSD 880-98434/2-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.1162		mg/Kg		116	70 - 130	1	35
Ethylbenzene	0.100	0.1102		mg/Kg		110	70 - 130	0	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2247		mg/Kg		112	70 - 130	1	35
o-Xylene	0.100	0.1148		mg/Kg		115	70 - 130	1	35
Surrogate	LCSD	LCSD	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	109		70 - 130						
1,4-Difluorobenzene (Surr)	103		70 - 130						

Lab Sample ID: MB 880-98435/5-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98435

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac		
4-Bromofluorobenzene (Surr)	92		70 - 130	12/20/24 08:33	12/20/24 11:07	1			
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 11:07	1			

Lab Sample ID: LCS 880-98435/1-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	0.100	0.1025		mg/Kg		103	70 - 130		
Ethylbenzene	0.100	0.1037		mg/Kg		104	70 - 130		
Toluene	0.100	0.1077		mg/Kg		108	70 - 130		
m-Xylene & p-Xylene	0.200	0.2015		mg/Kg		101	70 - 130		
o-Xylene	0.100	0.1117		mg/Kg		112	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-98435/2-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1068		mg/Kg		107	70 - 130	4	35
Ethylbenzene	0.100	0.1065		mg/Kg		107	70 - 130	3	35
Toluene	0.100	0.1103		mg/Kg		110	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2041		mg/Kg		102	70 - 130	1	35
o-Xylene	0.100	0.1136		mg/Kg		114	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-98401/1-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98401

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil	Fac
1-Chlorooctane	81		70 - 130	12/19/24 21:26	12/20/24 00:11	1	
o-Terphenyl	80		70 - 130	12/19/24 21:26	12/20/24 00:11	1	

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98401/2-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98401

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1058		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	960.9		mg/Kg		96	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	118		70 - 130				
o-Terphenyl	102		70 - 130				

Lab Sample ID: LCSD 880-98401/3-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98401

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1005		mg/Kg		101	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	903.5		mg/Kg		90	70 - 130	6	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	110		70 - 130						
o-Terphenyl	95		70 - 130						

Lab Sample ID: MB 880-98402/1-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 98402

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1-Chlorooctane	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	
o-Terphenyl	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	

Lab Sample ID: LCS 880-98402/2-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1061		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1028		mg/Kg		103	70 - 130

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98402/2-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98402

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: LCSD 880-98402/3-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1288		mg/Kg		129	70 - 130	19	20
Diesel Range Organics (Over C10-C28)	1000	1231		mg/Kg		123	70 - 130	18	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	145	S1+	70 - 130						
o-Terphenyl	123		70 - 130						

Lab Sample ID: 890-7492-3 MS
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: SS 64
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	665.3	F1	mg/Kg		67	70 - 130		
Diesel Range Organics (Over C10-C28)	631	F1	998	1155	F1	mg/Kg		53	70 - 130		
Surrogate	%Recovery	MS Qualifier	Limits								
1-Chlorooctane	78		70 - 130								
o-Terphenyl	76		70 - 130								

Lab Sample ID: 890-7492-3 MSD
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: SS 64
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	660.4	F1	mg/Kg		66	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	631	F1	998	1141	F1	mg/Kg		51	70 - 130	1	20
Surrogate	%Recovery	MSD Qualifier	Limits								
1-Chlorooctane	77		70 - 130								
o-Terphenyl	76		70 - 130								

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-98403/1-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98403

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				12/19/24 21:30	12/20/24 09:12	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 09:12	1

Lab Sample ID: LCS 880-98403/2-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1333	*+	mg/Kg		133	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1178		mg/Kg		118	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	136	S1+	70 - 130				
o-Terphenyl	123		70 - 130				

Lab Sample ID: LCSD 880-98403/3-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1180		mg/Kg		118	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	1000	1166		mg/Kg		117	70 - 130	1	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	133	S1+	70 - 130						
o-Terphenyl	120		70 - 130						

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	997	729.6		mg/Kg		73	70 - 130
Diesel Range Organics (Over C10-C28)	538	F1	997	1207	F1	mg/Kg		67	70 - 130

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	80		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: 890-7492-13 MSD

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	997	855.4		mg/Kg		86	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	538	F1	997	1282		mg/Kg		75	70 - 130	6	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	79		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: MB 880-98404/1-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98404

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	93		70 - 130	12/19/24 21:32	12/20/24 09:12	1			
o-Terphenyl	96		70 - 130	12/19/24 21:32	12/20/24 09:12	1			

Lab Sample ID: LCS 880-98404/2-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1398	*+	mg/Kg		140	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1468	*+	mg/Kg		147	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	158	S1+	70 - 130
o-Terphenyl	172	S1+	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-98404/3-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1465	*+	mg/Kg		147	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	1590	*+	mg/Kg		159	70 - 130	8	20
		LCSD	LCSD						
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane	166	S1+	70 - 130						
o-Terphenyl	175	S1+	70 - 130						

Lab Sample ID: 890-7492-23 MS

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: SS 420

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	781.1		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	867.3		mg/Kg		84	70 - 130		
		MS	MS								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Lab Sample ID: 890-7492-23 MSD

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: SS 420

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	804.1		mg/Kg		80	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	863.1		mg/Kg		84	70 - 130	0	20
		MSD	MSD								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-98374/1-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 08:34	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-98374/2-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.6		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-98374/3-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	245.0		mg/Kg		98	90 - 110	2	20

Lab Sample ID: 890-7492-2 MS

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1300	F1	1250	3073	F1	mg/Kg		142	90 - 110

Lab Sample ID: 890-7492-2 MSD

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1300	F1	1250	3070	F1	mg/Kg		142	90 - 110	0	20

Lab Sample ID: MB 880-98373/1-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 03:00	1

Lab Sample ID: LCS 880-98373/2-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	258.6		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-98373/3-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	257.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-7492-20 MS

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: SS 477

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	126		257	387.5		mg/Kg		102	90 - 110

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-7492-20 MSD							Client Sample ID: SS 477					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 98377												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	126		248	372.8		mg/Kg		100	90 - 110	4	20	

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA

Analysis Batch: 98350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-2	SS 20	Total/NA	Solid	8021B	98432
890-7492-3	SS 64	Total/NA	Solid	8021B	98432
890-7492-4	SS 80	Total/NA	Solid	8021B	98432
890-7492-5	SS 262	Total/NA	Solid	8021B	98432
890-7492-6	SS 320	Total/NA	Solid	8021B	98432
MB 880-98432/5-A	Method Blank	Total/NA	Solid	8021B	98432
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	8021B	98432
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98432

Analysis Batch: 98351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	8021B	98433
890-7492-8	SS 46	Total/NA	Solid	8021B	98433
890-7492-9	SS 107	Total/NA	Solid	8021B	98433
890-7492-10	SS 290	Total/NA	Solid	8021B	98433
890-7492-11	SS 339	Total/NA	Solid	8021B	98433
890-7492-12	SS 495	Total/NA	Solid	8021B	98433
MB 880-98433/5-A	Method Blank	Total/NA	Solid	8021B	98433
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	8021B	98433
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98433

Analysis Batch: 98352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	8021B	98434
890-7492-20	SS 477	Total/NA	Solid	8021B	98434
890-7492-21	SS 176	Total/NA	Solid	8021B	98434
890-7492-22	SS 138	Total/NA	Solid	8021B	98434
890-7492-23	SS 420	Total/NA	Solid	8021B	98434
MB 880-98434/5-A	Method Blank	Total/NA	Solid	8021B	98434
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	8021B	98434
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98434

Analysis Batch: 98353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8021B	98435
890-7492-14	SS 154	Total/NA	Solid	8021B	98435
890-7492-15	SS 504	Total/NA	Solid	8021B	98435
890-7492-16	SS 398	Total/NA	Solid	8021B	98435
890-7492-17	SS 183	Total/NA	Solid	8021B	98435
890-7492-18	SS 200	Total/NA	Solid	8021B	98435
MB 880-98435/5-A	Method Blank	Total/NA	Solid	8021B	98435
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	8021B	98435
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98435

Prep Batch: 98432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	5035	
890-7492-2	SS 20	Total/NA	Solid	5035	
890-7492-3	SS 64	Total/NA	Solid	5035	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Prep Batch: 98432 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-4	SS 80	Total/NA	Solid	5035	
890-7492-5	SS 262	Total/NA	Solid	5035	
890-7492-6	SS 320	Total/NA	Solid	5035	
MB 880-98432/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	5035	
890-7492-8	SS 46	Total/NA	Solid	5035	
890-7492-9	SS 107	Total/NA	Solid	5035	
890-7492-10	SS 290	Total/NA	Solid	5035	
890-7492-11	SS 339	Total/NA	Solid	5035	
890-7492-12	SS 495	Total/NA	Solid	5035	
MB 880-98433/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	5035	
890-7492-20	SS 477	Total/NA	Solid	5035	
890-7492-21	SS 176	Total/NA	Solid	5035	
890-7492-22	SS 138	Total/NA	Solid	5035	
890-7492-23	SS 420	Total/NA	Solid	5035	
MB 880-98434/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	5035	
890-7492-14	SS 154	Total/NA	Solid	5035	
890-7492-15	SS 504	Total/NA	Solid	5035	
890-7492-16	SS 398	Total/NA	Solid	5035	
890-7492-17	SS 183	Total/NA	Solid	5035	
890-7492-18	SS 200	Total/NA	Solid	5035	
MB 880-98435/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 98498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	Total BTEX	
890-7492-2	SS 20	Total/NA	Solid	Total BTEX	
890-7492-3	SS 64	Total/NA	Solid	Total BTEX	
890-7492-4	SS 80	Total/NA	Solid	Total BTEX	
890-7492-5	SS 262	Total/NA	Solid	Total BTEX	
890-7492-6	SS 320	Total/NA	Solid	Total BTEX	
890-7492-7	SS 488	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Analysis Batch: 98498 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-8	SS 46	Total/NA	Solid	Total BTEX	
890-7492-9	SS 107	Total/NA	Solid	Total BTEX	
890-7492-10	SS 290	Total/NA	Solid	Total BTEX	
890-7492-11	SS 339	Total/NA	Solid	Total BTEX	
890-7492-12	SS 495	Total/NA	Solid	Total BTEX	
890-7492-13	SS 129	Total/NA	Solid	Total BTEX	
890-7492-14	SS 154	Total/NA	Solid	Total BTEX	
890-7492-15	SS 504	Total/NA	Solid	Total BTEX	
890-7492-16	SS 398	Total/NA	Solid	Total BTEX	
890-7492-17	SS 183	Total/NA	Solid	Total BTEX	
890-7492-18	SS 200	Total/NA	Solid	Total BTEX	
890-7492-19	SS 435	Total/NA	Solid	Total BTEX	
890-7492-20	SS 477	Total/NA	Solid	Total BTEX	
890-7492-21	SS 176	Total/NA	Solid	Total BTEX	
890-7492-22	SS 138	Total/NA	Solid	Total BTEX	
890-7492-23	SS 420	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 98401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015NM Prep	
890-7492-2	SS 20	Total/NA	Solid	8015NM Prep	
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 98402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-4	SS 80	Total/NA	Solid	8015NM Prep	
890-7492-5	SS 262	Total/NA	Solid	8015NM Prep	
890-7492-6	SS 320	Total/NA	Solid	8015NM Prep	
890-7492-7	SS 488	Total/NA	Solid	8015NM Prep	
890-7492-8	SS 46	Total/NA	Solid	8015NM Prep	
890-7492-9	SS 107	Total/NA	Solid	8015NM Prep	
890-7492-10	SS 290	Total/NA	Solid	8015NM Prep	
890-7492-11	SS 339	Total/NA	Solid	8015NM Prep	
890-7492-12	SS 495	Total/NA	Solid	8015NM Prep	
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-3 MS	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-3 MSD	SS 64	Total/NA	Solid	8015NM Prep	

Prep Batch: 98403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-14	SS 154	Total/NA	Solid	8015NM Prep	
890-7492-15	SS 504	Total/NA	Solid	8015NM Prep	
890-7492-16	SS 398	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Prep Batch: 98403 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-17	SS 183	Total/NA	Solid	8015NM Prep	
890-7492-18	SS 200	Total/NA	Solid	8015NM Prep	
890-7492-19	SS 435	Total/NA	Solid	8015NM Prep	
890-7492-20	SS 477	Total/NA	Solid	8015NM Prep	
890-7492-21	SS 176	Total/NA	Solid	8015NM Prep	
890-7492-22	SS 138	Total/NA	Solid	8015NM Prep	
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-13 MS	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-13 MSD	SS 129	Total/NA	Solid	8015NM Prep	

Prep Batch: 98404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015NM Prep	
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-23 MS	SS 420	Total/NA	Solid	8015NM Prep	
890-7492-23 MSD	SS 420	Total/NA	Solid	8015NM Prep	

Analysis Batch: 98423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015B NM	98401
890-7492-2	SS 20	Total/NA	Solid	8015B NM	98401
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015B NM	98401
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98401
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98401

Analysis Batch: 98425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-4	SS 80	Total/NA	Solid	8015B NM	98402
890-7492-5	SS 262	Total/NA	Solid	8015B NM	98402
890-7492-6	SS 320	Total/NA	Solid	8015B NM	98402
890-7492-7	SS 488	Total/NA	Solid	8015B NM	98402
890-7492-8	SS 46	Total/NA	Solid	8015B NM	98402
890-7492-9	SS 107	Total/NA	Solid	8015B NM	98402
890-7492-10	SS 290	Total/NA	Solid	8015B NM	98402
890-7492-11	SS 339	Total/NA	Solid	8015B NM	98402
890-7492-12	SS 495	Total/NA	Solid	8015B NM	98402
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015B NM	98402
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98402
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98402
890-7492-3 MS	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-3 MSD	SS 64	Total/NA	Solid	8015B NM	98402

Analysis Batch: 98427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-14	SS 154	Total/NA	Solid	8015B NM	98403

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Analysis Batch: 98427 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-15	SS 504	Total/NA	Solid	8015B NM	98403
890-7492-16	SS 398	Total/NA	Solid	8015B NM	98403
890-7492-17	SS 183	Total/NA	Solid	8015B NM	98403
890-7492-18	SS 200	Total/NA	Solid	8015B NM	98403
890-7492-19	SS 435	Total/NA	Solid	8015B NM	98403
890-7492-20	SS 477	Total/NA	Solid	8015B NM	98403
890-7492-21	SS 176	Total/NA	Solid	8015B NM	98403
890-7492-22	SS 138	Total/NA	Solid	8015B NM	98403
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015B NM	98403
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98403
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98403
890-7492-13 MS	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-13 MSD	SS 129	Total/NA	Solid	8015B NM	98403

Analysis Batch: 98430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015B NM	98404
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015B NM	98404
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98404
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98404
890-7492-23 MS	SS 420	Total/NA	Solid	8015B NM	98404
890-7492-23 MSD	SS 420	Total/NA	Solid	8015B NM	98404

Analysis Batch: 98523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015 NM	
890-7492-2	SS 20	Total/NA	Solid	8015 NM	
890-7492-3	SS 64	Total/NA	Solid	8015 NM	
890-7492-4	SS 80	Total/NA	Solid	8015 NM	
890-7492-5	SS 262	Total/NA	Solid	8015 NM	
890-7492-6	SS 320	Total/NA	Solid	8015 NM	
890-7492-7	SS 488	Total/NA	Solid	8015 NM	
890-7492-8	SS 46	Total/NA	Solid	8015 NM	
890-7492-9	SS 107	Total/NA	Solid	8015 NM	
890-7492-10	SS 290	Total/NA	Solid	8015 NM	
890-7492-11	SS 339	Total/NA	Solid	8015 NM	
890-7492-12	SS 495	Total/NA	Solid	8015 NM	
890-7492-13	SS 129	Total/NA	Solid	8015 NM	
890-7492-14	SS 154	Total/NA	Solid	8015 NM	
890-7492-15	SS 504	Total/NA	Solid	8015 NM	
890-7492-16	SS 398	Total/NA	Solid	8015 NM	
890-7492-17	SS 183	Total/NA	Solid	8015 NM	
890-7492-18	SS 200	Total/NA	Solid	8015 NM	
890-7492-19	SS 435	Total/NA	Solid	8015 NM	
890-7492-20	SS 477	Total/NA	Solid	8015 NM	
890-7492-21	SS 176	Total/NA	Solid	8015 NM	
890-7492-22	SS 138	Total/NA	Solid	8015 NM	
890-7492-23	SS 420	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC

Leach Batch: 98373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	DI Leach	
890-7492-13	SS 129	Soluble	Solid	DI Leach	
890-7492-14	SS 154	Soluble	Solid	DI Leach	
890-7492-15	SS 504	Soluble	Solid	DI Leach	
890-7492-16	SS 398	Soluble	Solid	DI Leach	
890-7492-17	SS 183	Soluble	Solid	DI Leach	
890-7492-18	SS 200	Soluble	Solid	DI Leach	
890-7492-19	SS 435	Soluble	Solid	DI Leach	
890-7492-20	SS 477	Soluble	Solid	DI Leach	
890-7492-21	SS 176	Soluble	Solid	DI Leach	
890-7492-22	SS 138	Soluble	Solid	DI Leach	
890-7492-23	SS 420	Soluble	Solid	DI Leach	
MB 880-98373/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-20 MS	SS 477	Soluble	Solid	DI Leach	
890-7492-20 MSD	SS 477	Soluble	Solid	DI Leach	

Leach Batch: 98374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	DI Leach	
890-7492-2	SS 20	Soluble	Solid	DI Leach	
890-7492-3	SS 64	Soluble	Solid	DI Leach	
890-7492-4	SS 80	Soluble	Solid	DI Leach	
890-7492-5	SS 262	Soluble	Solid	DI Leach	
890-7492-6	SS 320	Soluble	Solid	DI Leach	
890-7492-7	SS 488	Soluble	Solid	DI Leach	
890-7492-8	SS 46	Soluble	Solid	DI Leach	
890-7492-9	SS 107	Soluble	Solid	DI Leach	
890-7492-10	SS 290	Soluble	Solid	DI Leach	
890-7492-11	SS 339	Soluble	Solid	DI Leach	
MB 880-98374/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-2 MS	SS 20	Soluble	Solid	DI Leach	
890-7492-2 MSD	SS 20	Soluble	Solid	DI Leach	

Analysis Batch: 98376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	300.0	98374
890-7492-2	SS 20	Soluble	Solid	300.0	98374
890-7492-3	SS 64	Soluble	Solid	300.0	98374
890-7492-4	SS 80	Soluble	Solid	300.0	98374
890-7492-5	SS 262	Soluble	Solid	300.0	98374
890-7492-6	SS 320	Soluble	Solid	300.0	98374
890-7492-7	SS 488	Soluble	Solid	300.0	98374
890-7492-8	SS 46	Soluble	Solid	300.0	98374
890-7492-9	SS 107	Soluble	Solid	300.0	98374
890-7492-10	SS 290	Soluble	Solid	300.0	98374
890-7492-11	SS 339	Soluble	Solid	300.0	98374
MB 880-98374/1-A	Method Blank	Soluble	Solid	300.0	98374

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC (Continued)

Analysis Batch: 98376 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	300.0	98374
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98374
890-7492-2 MS	SS 20	Soluble	Solid	300.0	98374
890-7492-2 MSD	SS 20	Soluble	Solid	300.0	98374

Analysis Batch: 98377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	300.0	98373
890-7492-13	SS 129	Soluble	Solid	300.0	98373
890-7492-14	SS 154	Soluble	Solid	300.0	98373
890-7492-15	SS 504	Soluble	Solid	300.0	98373
890-7492-16	SS 398	Soluble	Solid	300.0	98373
890-7492-17	SS 183	Soluble	Solid	300.0	98373
890-7492-18	SS 200	Soluble	Solid	300.0	98373
890-7492-19	SS 435	Soluble	Solid	300.0	98373
890-7492-20	SS 477	Soluble	Solid	300.0	98373
890-7492-21	SS 176	Soluble	Solid	300.0	98373
890-7492-22	SS 138	Soluble	Solid	300.0	98373
890-7492-23	SS 420	Soluble	Solid	300.0	98373
MB 880-98373/1-A	Method Blank	Soluble	Solid	300.0	98373
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	300.0	98373
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98373
890-7492-20 MS	SS 477	Soluble	Solid	300.0	98373
890-7492-20 MSD	SS 477	Soluble	Solid	300.0	98373

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01

Date Collected: 12/19/24 08:20

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 11:51
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		5	98350	MNR	EET MID	12/20/24 13:55
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:55
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		20	98376	CH	EET MID	12/20/24 10:49

Client Sample ID: SS 20

Date Collected: 12/19/24 08:36

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:15
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:15
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 10:58

Client Sample ID: SS 64

Date Collected: 12/19/24 08:47

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 12:33
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:33
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 09:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 09:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:54

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Date Collected: 12/19/24 08:53

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:36
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:36
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:24
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:24
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:30

Client Sample ID: SS 262

Date Collected: 12/19/24 08:59

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		50	98350	MNR	EET MID	12/20/24 13:14
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:14
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:38
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:38
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:48

Client Sample ID: SS 320

Date Collected: 12/19/24 09:04

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		25	98350	MNR	EET MID	12/20/24 13:34
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:34
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:53
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:53
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:59

Client Sample ID: SS 488

Date Collected: 12/19/24 09:12

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		100	98351	MNR	EET MID	12/20/24 12:24
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:24

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488
Date Collected: 12/19/24 09:12
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:08
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:08
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:06

Client Sample ID: SS 46
Date Collected: 12/19/24 10:15
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 12:45
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:45
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:25
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:25
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:11

Client Sample ID: SS 107
Date Collected: 12/19/24 10:22
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:05
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:05
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:17

Client Sample ID: SS 290
Date Collected: 12/19/24 10:30
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:25
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:25
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:54
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:54

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:23

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:46
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:46
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:29

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 14:06
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:06
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:36

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 11:49
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 11:49
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:43

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Date Collected: 12/19/24 11:19

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:10
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:10
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:00
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:00
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:50

Client Sample ID: SS 504

Date Collected: 12/19/24 11:40

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		10	98353	MNR	EET MID	12/20/24 13:32
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:32
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:15
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:15
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:12

Client Sample ID: SS 398

Date Collected: 12/19/24 11:27

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:30
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:30
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:31
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:31
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:19

Client Sample ID: SS 183

Date Collected: 12/19/24 11:44

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:51
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:51

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183
Date Collected: 12/19/24 11:44
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:47
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:47
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:26

Client Sample ID: SS 200
Date Collected: 12/19/24 11:49
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 13:11
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:11
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:03
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:03
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:33

Client Sample ID: SS 435
Date Collected: 12/19/24 11:53
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:07
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:07
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:20
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:20
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:40

Client Sample ID: SS 477
Date Collected: 12/19/24 12:02
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:27
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:27
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:36
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:36

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 477

Date Collected: 12/19/24 12:02

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:48

Client Sample ID: SS 176

Date Collected: 12/19/24 12:07

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-21

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		10	98352	MNR	EET MID	12/20/24 13:28
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:28
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:52
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:52
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:09

Client Sample ID: SS 138

Date Collected: 12/19/24 12:17

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-22

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:48
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:48
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 14:07
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 14:07
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 10:16

Client Sample ID: SS 420

Date Collected: 12/19/24 12:22

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-23

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 13:08
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:08
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98404	EL	EET MID	12/19/24 21:32
Total/NA	Analysis	8015B NM		1	98430	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:38

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Accreditation/Certification Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7492-1	SS 01	Solid	12/19/24 08:20	12/19/24 15:45	- SURFACE
890-7492-2	SS 20	Solid	12/19/24 08:36	12/19/24 15:45	- SURFACE
890-7492-3	SS 64	Solid	12/19/24 08:47	12/19/24 15:45	- SURFACE
890-7492-4	SS 80	Solid	12/19/24 08:53	12/19/24 15:45	- SURFACE
890-7492-5	SS 262	Solid	12/19/24 08:59	12/19/24 15:45	- SURFACE
890-7492-6	SS 320	Solid	12/19/24 09:04	12/19/24 15:45	- SURFACE
890-7492-7	SS 488	Solid	12/19/24 09:12	12/19/24 15:45	- SURFACE
890-7492-8	SS 46	Solid	12/19/24 10:15	12/19/24 15:45	- SURFACE
890-7492-9	SS 107	Solid	12/19/24 10:22	12/19/24 15:45	- SURFACE
890-7492-10	SS 290	Solid	12/19/24 10:30	12/19/24 15:45	- SURFACE
890-7492-11	SS 339	Solid	12/19/24 10:37	12/19/24 15:45	- SURFACE
890-7492-12	SS 495	Solid	12/19/24 10:44	12/19/24 15:45	- SURFACE
890-7492-13	SS 129	Solid	12/19/24 11:07	12/19/24 15:45	- SURFACE
890-7492-14	SS 154	Solid	12/19/24 11:19	12/19/24 15:45	- SURFACE
890-7492-15	SS 504	Solid	12/19/24 11:40	12/19/24 15:45	- SURFACE
890-7492-16	SS 398	Solid	12/19/24 11:27	12/19/24 15:45	- SURFACE
890-7492-17	SS 183	Solid	12/19/24 11:44	12/19/24 15:45	- SURFACE
890-7492-18	SS 200	Solid	12/19/24 11:49	12/19/24 15:45	- SURFACE
890-7492-19	SS 435	Solid	12/19/24 11:53	12/19/24 15:45	- SURFACE
890-7492-20	SS 477	Solid	12/19/24 12:02	12/19/24 15:45	- SURFACE
890-7492-21	SS 176	Solid	12/19/24 12:07	12/19/24 15:45	- SURFACE
890-7492-22	SS 138	Solid	12/19/24 12:17	12/19/24 15:45	- SURFACE
890-7492-23	SS 420	Solid	12/19/24 12:22	12/19/24 15:45	- SURFACE



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 1 of 3

Project Manager: <u>Michael Wicker</u>	Bill to: (if different) <u>CDH Consulting</u>
Company Name: <u>Cotto</u>	Company Name:
Address:	Address:
City, State ZIP:	City, State ZIP:
Phone: <u>506-970-8459</u>	Email: <u>mwicker@cdhconsult.com</u>

Project Name: <u>Close Encounter 30114</u>	Turn Around	Pres. Code
Project Number:	☐ Routine ☒ Rush	
Project Location: <u>Buckeye, NM</u>	Due Date: <u>12-20-2024</u>	
Sampler's Name: <u>Dakotah Cueto</u>	TAT starts the day received by the lab, if received by 4:30pm	
PO #:		

SAMPLE RECEIPT		Temp Blank:	Yes	No	Wet Ice:	Yes	No
Samples Received Intact:		Yes	No	Thermometer ID:	<u>Tanner</u>		
Cooler Custody Seals:		Yes	No	N/A	<u>-0.2</u>		
Sample Custody Seals:		Yes	No	N/A	<u>5.8</u>		
Total Containers:		Corrected Temperature:		<u>5.0</u>			
Sample Identification		Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont
SS01		S	12-19-24	08:20	Surf	C	1
SS20		S		08:36		C	1
SS64		S		08:47		C	1
SS80		S		08:53		C	1
SS262		S		08:59		C	1
SS320		S		09:04		C	1
SS488		S		09:12		C	1
SS46		S		10:15		C	1
SS107		S		10:22		C	1
SS290		S		10:30		C	1

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature) <u>Dakotah Cueto</u>	Received by: (Signature) <u>[Signature]</u>	Date/Time <u>12/19 1545</u>
3		4
5		6

Revised Date: 06/25/2020 Rev. 2020.2



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
 Midland, TX (432) 704-5440, San Antonio, TX (210) 505-3334
 EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
 Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 2 of 3

Project Manager: Michael Wicker		Bill to: (if different)		Work Order Comments	
Company Name: COTO		Company Name:		Program: ☐ UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
Address:		Address:		State of Project:	
City, State ZIP:		City, State ZIP:		Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Phone:		Email: mwicker@cdhconsult.com		Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:	Project Number:	Project Location:	Sampler's Name:	PO #:	Turn Around				Pres. Code	ANALYSIS REQUEST												Preservative Codes
					Temp Blank:	Yes	No	Wet Ice:		Yes	No											
Close Encounters 3014					☐ Routine	☒ Rush	Due Date: 12-20-2024	Parameters												None: NO	DI Water: H ₂ O	
Buckeye, NM							TAT starts the day received by the lab, if received by 4:30pm													Cool: Cool	MeOH: Me	
Dakotah Cresto																				HCL: HC	HNO ₃	
																				H ₂ SO ₄ : H ₂	NaOH: Na	
																				H ₃ PO ₄ : HP		
																				NaHSO ₄ : NABIS		
																				Na ₂ S ₂ O ₃ : NaSO ₃		
																				Zn Acetate+NaOH: Zn		
																				NaOH+Ascorbic Acid: SAPC		

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Sample Comments
SS339	S	12/19/2024	10:37	Surf	C	1	
SS495	S		10:44		C	1	
SS129	S		11:07		C	1	
SS154	S		11:19		C	1	
SS504	S		11:40		C	1	
SS398	S		11:27		C	1	
SS183	S		11:34		C	1	
SS200	S		11:49		C	1	
SS435	S		11:53		C	1	
SS477	S		12:02		C	1	

Total 200.7 / 6010	200.8 / 6020:	8RCRA 13PPM Texas 11	Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Meta(s) to be analyzed		TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471	

Notes: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. Dakotah Cresto		
3		
5		

Revised Date: 08/25/2020 Rev. 2020.2



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3499
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

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[illegible]

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Source: Eurofins Midland

List Number: 2

List Creation: 12/19/24 09:21 PM

Creator: Laing, Edmundo

Question	Answer	Comment
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time (excluding tests with immediate HTs)		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").		



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Michael Wicker
CDH Consulting
9446 Clermont St,
Thornton, Colorado 80229
Generated 12/20/2024 3:02:55 PM

JOB DESCRIPTION

CLOSE ENCOUNTER 301 H
BUCKEYE

JOB NUMBER

890-7492-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

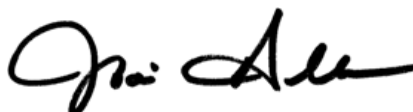
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
12/20/2024 3:02:55 PM

Authorized for release by
Jodi Allen, Project Manager I
Jodi.Allen@et.eurofinsus.com
(281)520-2865

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Laboratory Job ID: 890-7492-1
SDG: BUCKEYE

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Definitions/Glossary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1

Eurofins Carlsbad

Job Narrative
890-7492-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 12/19/2024 3:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 64 (890-7492-3), SS 80 (890-7492-4), SS 262 (890-7492-5), SS 320 (890-7492-6), SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11), SS 495 (890-7492-12), SS 129 (890-7492-13), SS 154 (890-7492-14), SS 504 (890-7492-15), SS 398 (890-7492-16), SS 183 (890-7492-17), SS 200 (890-7492-18), SS 435 (890-7492-19), SS 477 (890-7492-20), SS 176 (890-7492-21), SS 138 (890-7492-22) and SS 420 (890-7492-23).

GC VOA

Method 8021B: The following samples were diluted due to physical characteristics such as color, odor, appearance, viscosity, etc. >>: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 80 (890-7492-4), SS 262 (890-7492-5) and SS 320 (890-7492-6). Elevated reporting limits (RL) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 01 (890-7492-1), SS 20 (890-7492-2) and SS 64 (890-7492-3). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 398 (890-7492-16) and SS 200 (890-7492-18). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SS 176 (890-7492-21). Evidence of matrix interferences is not obvious.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11) and SS 495 (890-7492-12). Elevated reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 46 (890-7492-8), SS 290 (890-7492-10) and SS 495 (890-7492-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: SS 504 (890-7492-15). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-98402/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98402 and analytical batch 880-98425 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within

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Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1 (Continued)

Eurofins Carlsbad

acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SS 262 (890-7492-5). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Due to the high concentration of Diesel Range Organics (Over C10-C28), the matrix spike (MS) for preparation batch 880-98403 and analytical batch 880-98427 could not be evaluated for accuracy. The associated matrix spike duplicate (MSD) met acceptance criteria.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SS 477 (890-7492-20), (LCS 880-98403/2-A) and (LCSD 880-98403/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The method blank for preparation batch 880-98404 and analytical batch 880-98430 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-98404/2-A) and (LCSD 880-98404/3-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-98404 and analytical batch 880-98430 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The laboratory control sample (LCS) for preparation batch 880-98403 and analytical batch 880-98427 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10. Since only an acceptable LCSD is required per the method, the LCSD shows recovery for the batch and the data has been qualified and reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98374 and analytical batch 880-98376 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Carlsbad

Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01

Lab Sample ID: 890-7492-1

Date Collected: 12/19/24 08:20

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0101	U	0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Ethylbenzene	0.0947		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Toluene	0.0306		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Xylenes, Total	1.81		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
m-Xylene & p-Xylene	0.0449		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
o-Xylene	1.77		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:24	12/20/24 11:51	20
1,4-Difluorobenzene (Surr)	124		70 - 130				12/20/24 08:24	12/20/24 11:51	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.94		0.0202		mg/Kg			12/20/24 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	287		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	287		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				12/19/24 21:26	12/20/24 12:09	1
o-Terphenyl	86		70 - 130				12/19/24 21:26	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17600		199		mg/Kg			12/20/24 10:49	20

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Ethylbenzene	0.0420		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Toluene	0.0216		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Xylenes, Total	0.350		0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
m-Xylene & p-Xylene	<0.0401	U	0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
o-Xylene	0.350		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				12/20/24 08:24	12/20/24 14:15	10

Eurofins Carlsbad

Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	136	S1+	70 - 130	12/20/24 08:24	12/20/24 14:15	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.414		0.0401		mg/Kg			12/20/24 14:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	110		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	110		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				12/19/24 21:26	12/20/24 12:23	1
o-Terphenyl	77		70 - 130				12/19/24 21:26	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300	F1	49.9		mg/Kg			12/20/24 10:58	5

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Ethylbenzene	0.242		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Toluene	0.0581		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Xylenes, Total	0.781		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
m-Xylene & p-Xylene	0.189		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
o-Xylene	0.592		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20
1,4-Difluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.08		0.0795		mg/Kg			12/20/24 12:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	631		50.0		mg/Kg			12/20/24 09:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Diesel Range Organics (Over C10-C28)	631	F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 09:40	1
o-Terphenyl	78		70 - 130				12/19/24 21:28	12/20/24 09:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3110		50.2		mg/Kg			12/20/24 11:54	5

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Ethylbenzene	0.0344		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Toluene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Xylenes, Total	0.680		0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
m-Xylene & p-Xylene	<0.0399	U	0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
o-Xylene	0.680		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				12/20/24 08:24	12/20/24 14:36	10
1,4-Difluorobenzene (Surr)	106		70 - 130				12/20/24 08:24	12/20/24 14:36	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.714		0.0399		mg/Kg			12/20/24 14:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	188		50.0		mg/Kg			12/20/24 10:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Diesel Range Organics (Over C10-C28)	188		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				12/19/24 21:28	12/20/24 10:24	1
o-Terphenyl	74		70 - 130				12/19/24 21:28	12/20/24 10:24	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3070		100		mg/Kg			12/20/24 11:30	10

Client Sample ID: SS 262

Lab Sample ID: 890-7492-5

Date Collected: 12/19/24 08:59

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Ethylbenzene	0.966		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Toluene	0.415		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Xylenes, Total	1.51		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
m-Xylene & p-Xylene	0.756		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
o-Xylene	0.754		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				12/20/24 08:24	12/20/24 13:14	50
1,4-Difluorobenzene (Surr)	122		70 - 130				12/20/24 08:24	12/20/24 13:14	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.89		0.202		mg/Kg			12/20/24 13:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	463		50.0		mg/Kg			12/20/24 10:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Diesel Range Organics (Over C10-C28)	463		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				12/19/24 21:28	12/20/24 10:38	1
o-Terphenyl	69	S1-	70 - 130				12/19/24 21:28	12/20/24 10:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4470		99.4		mg/Kg			12/20/24 11:48	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 320
Date Collected: 12/19/24 09:04
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-6
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0503	U	0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Ethylbenzene	0.537		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Toluene	0.125		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Xylenes, Total	1.20		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
m-Xylene & p-Xylene	0.454		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
o-Xylene	0.746		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				12/20/24 08:24	12/20/24 13:34	25
1,4-Difluorobenzene (Surr)	126		70 - 130				12/20/24 08:24	12/20/24 13:34	25

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.86		0.101		mg/Kg			12/20/24 13:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	876		49.7		mg/Kg			12/20/24 10:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Diesel Range Organics (Over C10-C28)	876		49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				12/19/24 21:28	12/20/24 10:53	1
o-Terphenyl	75		70 - 130				12/19/24 21:28	12/20/24 10:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3410		49.8		mg/Kg			12/20/24 11:59	5

Client Sample ID: SS 488
Date Collected: 12/19/24 09:12
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-7
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.199	U	0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Ethylbenzene	1.92		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Toluene	0.602		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Xylenes, Total	3.04		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
m-Xylene & p-Xylene	1.78		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
o-Xylene	1.26		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				12/20/24 08:27	12/20/24 12:24	100

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	100		70 - 130	12/20/24 08:27	12/20/24 12:24	100

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	5.56		0.398		mg/Kg			12/20/24 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2500		49.8		mg/Kg			12/20/24 11:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.7		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Diesel Range Organics (Over C10-C28)	2410		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:08	1
o-Terphenyl	95		70 - 130				12/19/24 21:28	12/20/24 11:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3680		49.6		mg/Kg			12/20/24 12:06	5

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.11		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Ethylbenzene	9.28		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Toluene	7.96		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Xylenes, Total	10.9		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
m-Xylene & p-Xylene	6.88		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
o-Xylene	4.05		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130	12/20/24 08:27	12/20/24 12:45	50
1,4-Difluorobenzene (Surr)	94		70 - 130	12/20/24 08:27	12/20/24 12:45	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	29.3		0.200		mg/Kg			12/20/24 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1330		49.9		mg/Kg			12/20/24 11:25	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	95.0		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Diesel Range Organics (Over C10-C28)	1230		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:25	1
o-Terphenyl	81		70 - 130				12/19/24 21:28	12/20/24 11:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5420		101		mg/Kg			12/20/24 12:11	10

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Ethylbenzene	1.52		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Toluene	0.807		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Xylenes, Total	4.70		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
m-Xylene & p-Xylene	3.88		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
o-Xylene	0.815		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				12/20/24 08:27	12/20/24 13:05	50
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:27	12/20/24 13:05	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	7.02		0.202		mg/Kg			12/20/24 13:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	60.0		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Diesel Range Organics (Over C10-C28)	1450		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:40	1
o-Terphenyl	86		70 - 130				12/19/24 21:28	12/20/24 11:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5250		99.4		mg/Kg			12/20/24 12:17	10

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.151		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Ethylbenzene	3.30		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Toluene	1.75		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Xylenes, Total	4.33		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
m-Xylene & p-Xylene	2.60		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
o-Xylene	1.73		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:27	12/20/24 13:25	50
1,4-Difluorobenzene (Surr)	100		70 - 130				12/20/24 08:27	12/20/24 13:25	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	9.53		0.201		mg/Kg			12/20/24 13:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2470		49.8		mg/Kg			12/20/24 11:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	129		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Diesel Range Organics (Over C10-C28)	2340		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				12/19/24 21:28	12/20/24 11:54	1
o-Terphenyl	105		70 - 130				12/19/24 21:28	12/20/24 11:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5400		99.8		mg/Kg			12/20/24 12:23	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.106		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Ethylbenzene	3.81		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Toluene	1.12		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Xylenes, Total	5.28		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
m-Xylene & p-Xylene	3.48		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
o-Xylene	1.80		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				12/20/24 08:27	12/20/24 13:46	50
1,4-Difluorobenzene (Surr)	99		70 - 130				12/20/24 08:27	12/20/24 13:46	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	10.3		0.200		mg/Kg			12/20/24 13:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3950		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	154		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	3800		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:28	12/20/24 12:09	1
o-Terphenyl	121		70 - 130				12/19/24 21:28	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4280		49.9		mg/Kg			12/20/24 12:29	5

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0994	U	0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Ethylbenzene	5.40		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Toluene	1.34		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Xylenes, Total	7.57		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
m-Xylene & p-Xylene	4.90		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
o-Xylene	2.67		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130				12/20/24 08:27	12/20/24 14:06	50

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	12/20/24 08:27	12/20/24 14:06	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	14.3		0.199		mg/Kg			12/20/24 14:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3070		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	177		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	2890		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:28	12/20/24 12:23	1
o-Terphenyl	108		70 - 130				12/19/24 21:28	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3660		49.6		mg/Kg			12/20/24 08:36	5

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Ethylbenzene	0.0238		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Toluene	0.00837		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Xylenes, Total	0.0306		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
m-Xylene & p-Xylene	0.0204		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
o-Xylene	0.0102		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	12/20/24 08:33	12/20/24 11:49	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/20/24 08:33	12/20/24 11:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0628		0.00404		mg/Kg			12/20/24 11:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	538		49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Diesel Range Organics (Over C10-C28)	538	F1	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 11:11	1
o-Terphenyl	79		70 - 130				12/19/24 21:30	12/20/24 11:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3350		50.0		mg/Kg			12/20/24 08:43	5

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Ethylbenzene	0.0475		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Toluene	0.0124		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Xylenes, Total	0.0632		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
m-Xylene & p-Xylene	0.0373		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
o-Xylene	0.0259		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				12/20/24 08:33	12/20/24 12:10	1
1,4-Difluorobenzene (Surr)	93		70 - 130				12/20/24 08:33	12/20/24 12:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.123		0.00401		mg/Kg			12/20/24 12:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2710		49.8		mg/Kg			12/20/24 12:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Diesel Range Organics (Over C10-C28)	2710		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 12:00	1
o-Terphenyl	120		70 - 130				12/19/24 21:30	12/20/24 12:00	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1710		50.3		mg/Kg			12/20/24 08:50	5

Client Sample ID: SS 504

Lab Sample ID: 890-7492-15

Date Collected: 12/19/24 11:40

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Ethylbenzene	0.563		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Toluene	0.173		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Xylenes, Total	0.464		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
m-Xylene & p-Xylene	0.290		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
o-Xylene	0.174		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				12/20/24 08:33	12/20/24 13:32	10
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:33	12/20/24 13:32	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.20		0.0398		mg/Kg			12/20/24 13:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 12:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Diesel Range Organics (Over C10-C28)	1510		50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				12/19/24 21:30	12/20/24 12:15	1
o-Terphenyl	97		70 - 130				12/19/24 21:30	12/20/24 12:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2990		50.0		mg/Kg			12/20/24 09:12	5

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 398

Lab Sample ID: 890-7492-16

Date Collected: 12/19/24 11:27

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0262		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Ethylbenzene	0.199		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Toluene	0.168		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Xylenes, Total	0.269		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
m-Xylene & p-Xylene	0.158		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
o-Xylene	0.111		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	12/20/24 08:33	12/20/24 12:30	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:33	12/20/24 12:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.662		0.00399		mg/Kg			12/20/24 12:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3130		49.9		mg/Kg			12/20/24 12:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.1	*+	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Diesel Range Organics (Over C10-C28)	3040		49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	12/19/24 21:30	12/20/24 12:31	1
o-Terphenyl	120		70 - 130	12/19/24 21:30	12/20/24 12:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2960		50.1		mg/Kg			12/20/24 09:19	5

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Ethylbenzene	0.0487		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Toluene	0.00442		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Xylenes, Total	0.0402		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
m-Xylene & p-Xylene	0.0276		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
o-Xylene	0.0126		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	12/20/24 08:33	12/20/24 12:51	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	75		70 - 130	12/20/24 08:33	12/20/24 12:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0933		0.00404		mg/Kg			12/20/24 12:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	311		49.8		mg/Kg			12/20/24 12:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Diesel Range Organics (Over C10-C28)	311		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				12/19/24 21:30	12/20/24 12:47	1
o-Terphenyl	77		70 - 130				12/19/24 21:30	12/20/24 12:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.8		9.96		mg/Kg			12/20/24 09:26	1

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Ethylbenzene	0.191		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Toluene	0.110		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Xylenes, Total	0.265		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
m-Xylene & p-Xylene	0.156		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
o-Xylene	0.109		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130	12/20/24 08:33	12/20/24 13:11	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 13:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.566		0.00402		mg/Kg			12/20/24 13:11	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2050		49.9		mg/Kg			12/20/24 13:03	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Diesel Range Organics (Over C10-C28)	2050		49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				12/19/24 21:30	12/20/24 13:03	1
o-Terphenyl	106		70 - 130				12/19/24 21:30	12/20/24 13:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	930		10.0		mg/Kg			12/20/24 09:33	1

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Ethylbenzene	0.00665		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Toluene	0.00205		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Xylenes, Total	0.0105		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
m-Xylene & p-Xylene	0.00628		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
o-Xylene	0.00418		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				12/20/24 08:30	12/20/24 12:07	1
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 12:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0192		0.00404		mg/Kg			12/20/24 12:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	601		49.7		mg/Kg			12/20/24 13:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U **	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Diesel Range Organics (Over C10-C28)	601		49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				12/19/24 21:30	12/20/24 13:20	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 13:20	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3030		49.7		mg/Kg			12/20/24 09:40	5

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Xylenes, Total	0.133		0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
o-Xylene	0.133		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				12/20/24 08:30	12/20/24 12:27	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/20/24 08:30	12/20/24 12:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.133		0.00401		mg/Kg			12/20/24 12:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/20/24 13:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 13:36	1
o-Terphenyl	66	S1-	70 - 130				12/19/24 21:30	12/20/24 13:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		10.0		mg/Kg			12/20/24 09:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Ethylbenzene	0.950		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Toluene	0.199		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Xylenes, Total	1.58		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
m-Xylene & p-Xylene	0.943		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
o-Xylene	0.636		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	193	S1+	70 - 130				12/20/24 08:30	12/20/24 13:28	10
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 13:28	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.73		0.0398		mg/Kg			12/20/24 13:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2110		49.8		mg/Kg			12/20/24 13:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Diesel Range Organics (Over C10-C28)	2110		49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:30	12/20/24 13:52	1
o-Terphenyl	112		70 - 130				12/19/24 21:30	12/20/24 13:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	812		9.98		mg/Kg			12/20/24 10:09	1

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Ethylbenzene	0.0120		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Toluene	0.00377		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Xylenes, Total	0.0233		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
m-Xylene & p-Xylene	0.0102		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
o-Xylene	0.0131		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				12/20/24 08:30	12/20/24 12:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130	12/20/24 08:30	12/20/24 12:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0391		0.00399		mg/Kg			12/20/24 12:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	573		49.8		mg/Kg			12/20/24 14:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Diesel Range Organics (Over C10-C28)	573		49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 14:07	1
o-Terphenyl	78		70 - 130				12/19/24 21:30	12/20/24 14:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2650		50.1		mg/Kg			12/20/24 10:16	5

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Xylenes, Total	0.0889		0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
o-Xylene	0.0889		0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	12/20/24 08:30	12/20/24 13:08	1
1,4-Difluorobenzene (Surr)	91		70 - 130	12/20/24 08:30	12/20/24 13:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0889		0.00404		mg/Kg			12/20/24 13:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 420
Date Collected: 12/19/24 12:22
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-23
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	104		70 - 130				12/19/24 21:32	12/20/24 11:11	1	
o-Terphenyl	109		70 - 130				12/19/24 21:32	12/20/24 11:11	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	162		9.94		mg/Kg			12/20/24 10:38	1	

Surrogate Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
890-7492-1	SS 01	131 S1+	124
890-7492-2	SS 20	128	136 S1+
890-7492-3	SS 64	137 S1+	131 S1+
890-7492-4	SS 80	144 S1+	106
890-7492-5	SS 262	125	122
890-7492-6	SS 320	126	126
890-7492-7	SS 488	106	100
890-7492-8	SS 46	171 S1+	94
890-7492-9	SS 107	107	101
890-7492-10	SS 290	131 S1+	100
890-7492-11	SS 339	122	99
890-7492-12	SS 495	139 S1+	104
890-7492-13	SS 129	109	95
890-7492-14	SS 154	99	93
890-7492-15	SS 504	110	94
890-7492-16	SS 398	141 S1+	96
890-7492-17	SS 183	88	75
890-7492-18	SS 200	159 S1+	93
890-7492-19	SS 435	113	104
890-7492-20	SS 477	98	95
890-7492-21	SS 176	193 S1+	104
890-7492-22	SS 138	115	103
890-7492-23	SS 420	95	91
LCS 880-98432/1-A	Lab Control Sample	101	96
LCS 880-98433/1-A	Lab Control Sample	96	103
LCS 880-98434/1-A	Lab Control Sample	107	104
LCS 880-98435/1-A	Lab Control Sample	106	99
LCSD 880-98432/2-A	Lab Control Sample Dup	103	99
LCSD 880-98433/2-A	Lab Control Sample Dup	94	103
LCSD 880-98434/2-A	Lab Control Sample Dup	109	103
LCSD 880-98435/2-A	Lab Control Sample Dup	108	98
MB 880-98432/5-A	Method Blank	112	85
MB 880-98433/5-A	Method Blank	98	96
MB 880-98434/5-A	Method Blank	111	101
MB 880-98435/5-A	Method Blank	92	93
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1	OTPH1
		(70-130)	(70-130)
890-7492-1	SS 01	83	86
890-7492-2	SS 20	76	77
890-7492-3	SS 64	75	78
890-7492-3 MS	SS 64	78	76

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Surrogate Summary

Client: CDH Consulting

Job ID: 890-7492-1

Project/Site: CLOSE ENCOUNTER 301 H

SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-3 MSD	SS 64	77	76
890-7492-4	SS 80	73	74
890-7492-5	SS 262	70	69 S1-
890-7492-6	SS 320	74	75
890-7492-7	SS 488	75	95
890-7492-8	SS 46	75	81
890-7492-9	SS 107	75	86
890-7492-10	SS 290	85	105
890-7492-11	SS 339	84	121
890-7492-12	SS 495	88	108
890-7492-13	SS 129	84	79
890-7492-13 MS	SS 129	80	81
890-7492-13 MSD	SS 129	79	81
890-7492-14	SS 154	84	120
890-7492-15	SS 504	92	97
890-7492-16	SS 398	85	120
890-7492-17	SS 183	87	77
890-7492-18	SS 200	82	106
890-7492-19	SS 435	77	74
890-7492-20	SS 477	81	66 S1-
890-7492-21	SS 176	88	112
890-7492-22	SS 138	81	78
890-7492-23	SS 420	104	109
890-7492-23 MS	SS 420	92	99
890-7492-23 MSD	SS 420	92	99
LCS 880-98401/2-A	Lab Control Sample	118	102
LCS 880-98402/2-A	Lab Control Sample	121	104
LCS 880-98403/2-A	Lab Control Sample	136 S1+	123
LCS 880-98404/2-A	Lab Control Sample	158 S1+	172 S1+
LCSD 880-98401/3-A	Lab Control Sample Dup	110	95
LCSD 880-98402/3-A	Lab Control Sample Dup	145 S1+	123
LCSD 880-98403/3-A	Lab Control Sample Dup	133 S1+	120
LCSD 880-98404/3-A	Lab Control Sample Dup	166 S1+	175 S1+
MB 880-98401/1-A	Method Blank	81	80
MB 880-98402/1-A	Method Blank	75	75
MB 880-98403/1-A	Method Blank	91	74
MB 880-98404/1-A	Method Blank	93	96
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-98432/5-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	12/20/24 08:24	12/20/24 11:08	1
1,4-Difluorobenzene (Surr)	85		70 - 130	12/20/24 08:24	12/20/24 11:08	1

Lab Sample ID: LCS 880-98432/1-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1137		mg/Kg		114	70 - 130
Ethylbenzene	0.100	0.1107		mg/Kg		111	70 - 130
Toluene	0.100	0.1082		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2221		mg/Kg		111	70 - 130
o-Xylene	0.100	0.1128		mg/Kg		113	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-98432/2-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1182		mg/Kg		118	70 - 130	4	35
Ethylbenzene	0.100	0.1145		mg/Kg		114	70 - 130	3	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2282		mg/Kg		114	70 - 130	3	35
o-Xylene	0.100	0.1165		mg/Kg		117	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	12/20/24 08:27	12/20/24 11:02	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:27	12/20/24 11:02	1

Lab Sample ID: LCS 880-98433/1-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1001		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09410		mg/Kg		94	70 - 130
Toluene	0.100	0.09371		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1885		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09536		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-98433/2-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1048		mg/Kg		105	70 - 130	5	35
Ethylbenzene	0.100	0.09886		mg/Kg		99	70 - 130	5	35
Toluene	0.100	0.09817		mg/Kg		98	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1969		mg/Kg		98	70 - 130	4	35
o-Xylene	0.100	0.09974		mg/Kg		100	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	111		70 - 130				12/20/24 08:30	12/20/24 11:25	1
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:30	12/20/24 11:25	1

Lab Sample ID: LCS 880-98434/1-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits		
		Result	Qualifier						
Benzene	0.100	0.1149		mg/Kg		115	70 - 130		
Ethylbenzene	0.100	0.1100		mg/Kg		110	70 - 130		
Toluene	0.100	0.1116		mg/Kg		112	70 - 130		
m-Xylene & p-Xylene	0.200	0.2234		mg/Kg		112	70 - 130		
o-Xylene	0.100	0.1142		mg/Kg		114	70 - 130		
Surrogate	LCS	LCS	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	107		70 - 130						
1,4-Difluorobenzene (Surr)	104		70 - 130						

Lab Sample ID: LCSD 880-98434/2-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.1162		mg/Kg		116	70 - 130	1	35
Ethylbenzene	0.100	0.1102		mg/Kg		110	70 - 130	0	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2247		mg/Kg		112	70 - 130	1	35
o-Xylene	0.100	0.1148		mg/Kg		115	70 - 130	1	35
Surrogate	LCSD	LCSD	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	109		70 - 130						
1,4-Difluorobenzene (Surr)	103		70 - 130						

Lab Sample ID: MB 880-98435/5-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98435

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	12/20/24 08:33	12/20/24 11:07	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 11:07	1

Lab Sample ID: LCS 880-98435/1-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1025		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.1037		mg/Kg		104	70 - 130
Toluene	0.100	0.1077		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2015		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1117		mg/Kg		112	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-98435/2-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1068		mg/Kg		107	70 - 130	4	35
Ethylbenzene	0.100	0.1065		mg/Kg		107	70 - 130	3	35
Toluene	0.100	0.1103		mg/Kg		110	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2041		mg/Kg		102	70 - 130	1	35
o-Xylene	0.100	0.1136		mg/Kg		114	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-98401/1-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98401

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130	12/19/24 21:26	12/20/24 00:11	1
o-Terphenyl	80		70 - 130	12/19/24 21:26	12/20/24 00:11	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98401/2-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98401

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1058		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	960.9		mg/Kg		96	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	118		70 - 130				
o-Terphenyl	102		70 - 130				

Lab Sample ID: LCSD 880-98401/3-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98401

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1005		mg/Kg		101	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	903.5		mg/Kg		90	70 - 130	6	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	110		70 - 130						
o-Terphenyl	95		70 - 130						

Lab Sample ID: MB 880-98402/1-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 98402

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1-Chlorooctane	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	
o-Terphenyl	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	

Lab Sample ID: LCS 880-98402/2-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1061		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1028		mg/Kg		103	70 - 130

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98402/2-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98402

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: LCSD 880-98402/3-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98402

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1288		mg/Kg		129	70 - 130	19	20
Diesel Range Organics (Over C10-C28)			1000	1231		mg/Kg		123	70 - 130	18	20
Surrogate	LCSD	LCSD									
	%Recovery	Qualifier									
1-Chlorooctane	145	S1+									
o-Terphenyl	123										

Lab Sample ID: 890-7492-3 MS
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: SS 64
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	665.3	F1	mg/Kg		67	70 - 130		
Diesel Range Organics (Over C10-C28)	631	F1	998	1155	F1	mg/Kg		53	70 - 130		
Surrogate	MS	MS									
	%Recovery	Qualifier									
1-Chlorooctane	78										
o-Terphenyl	76										

Lab Sample ID: 890-7492-3 MSD
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: SS 64
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	660.4	F1	mg/Kg		66	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	631	F1	998	1141	F1	mg/Kg		51	70 - 130	1	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier									
1-Chlorooctane	77										
o-Terphenyl	76										

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-98403/1-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98403

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				12/19/24 21:30	12/20/24 09:12	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 09:12	1

Lab Sample ID: LCS 880-98403/2-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1333	*+	mg/Kg		133	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1178		mg/Kg		118	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	136	S1+	70 - 130				
o-Terphenyl	123		70 - 130				

Lab Sample ID: LCSD 880-98403/3-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1180		mg/Kg		118	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	1000	1166		mg/Kg		117	70 - 130	1	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	133	S1+	70 - 130						
o-Terphenyl	120		70 - 130						

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	997	729.6		mg/Kg		73	70 - 130
Diesel Range Organics (Over C10-C28)	538	F1	997	1207	F1	mg/Kg		67	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	80		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: 890-7492-13 MSD

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	997	855.4		mg/Kg		86	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	538	F1	997	1282		mg/Kg		75	70 - 130	6	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	79		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: MB 880-98404/1-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98404

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	93		70 - 130	12/19/24 21:32	12/20/24 09:12	1			
o-Terphenyl	96		70 - 130	12/19/24 21:32	12/20/24 09:12	1			

Lab Sample ID: LCS 880-98404/2-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1398	*+	mg/Kg		140	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1468	*+	mg/Kg		147	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	158	S1+	70 - 130
o-Terphenyl	172	S1+	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-98404/3-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1465	*+	mg/Kg		147	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	1590	*+	mg/Kg		159	70 - 130	8	20
		LCSD	LCSD						
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane	166	S1+	70 - 130						
o-Terphenyl	175	S1+	70 - 130						

Lab Sample ID: 890-7492-23 MS

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: SS 420

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	781.1		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	867.3		mg/Kg		84	70 - 130		
		MS	MS								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Lab Sample ID: 890-7492-23 MSD

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: SS 420

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	804.1		mg/Kg		80	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	863.1		mg/Kg		84	70 - 130	0	20
		MSD	MSD								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-98374/1-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 08:34	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-98374/2-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.6		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-98374/3-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	245.0		mg/Kg		98	90 - 110	2	20

Lab Sample ID: 890-7492-2 MS

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1300	F1	1250	3073	F1	mg/Kg		142	90 - 110

Lab Sample ID: 890-7492-2 MSD

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1300	F1	1250	3070	F1	mg/Kg		142	90 - 110	0	20

Lab Sample ID: MB 880-98373/1-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 03:00	1

Lab Sample ID: LCS 880-98373/2-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	258.6		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-98373/3-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	257.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-7492-20 MS

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: SS 477

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	126		257	387.5		mg/Kg		102	90 - 110

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-7492-20 MSD							Client Sample ID: SS 477					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 98377												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	126		248	372.8		mg/Kg		100	90 - 110	4	20	

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA

Analysis Batch: 98350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-2	SS 20	Total/NA	Solid	8021B	98432
890-7492-3	SS 64	Total/NA	Solid	8021B	98432
890-7492-4	SS 80	Total/NA	Solid	8021B	98432
890-7492-5	SS 262	Total/NA	Solid	8021B	98432
890-7492-6	SS 320	Total/NA	Solid	8021B	98432
MB 880-98432/5-A	Method Blank	Total/NA	Solid	8021B	98432
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	8021B	98432
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98432

Analysis Batch: 98351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	8021B	98433
890-7492-8	SS 46	Total/NA	Solid	8021B	98433
890-7492-9	SS 107	Total/NA	Solid	8021B	98433
890-7492-10	SS 290	Total/NA	Solid	8021B	98433
890-7492-11	SS 339	Total/NA	Solid	8021B	98433
890-7492-12	SS 495	Total/NA	Solid	8021B	98433
MB 880-98433/5-A	Method Blank	Total/NA	Solid	8021B	98433
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	8021B	98433
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98433

Analysis Batch: 98352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	8021B	98434
890-7492-20	SS 477	Total/NA	Solid	8021B	98434
890-7492-21	SS 176	Total/NA	Solid	8021B	98434
890-7492-22	SS 138	Total/NA	Solid	8021B	98434
890-7492-23	SS 420	Total/NA	Solid	8021B	98434
MB 880-98434/5-A	Method Blank	Total/NA	Solid	8021B	98434
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	8021B	98434
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98434

Analysis Batch: 98353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8021B	98435
890-7492-14	SS 154	Total/NA	Solid	8021B	98435
890-7492-15	SS 504	Total/NA	Solid	8021B	98435
890-7492-16	SS 398	Total/NA	Solid	8021B	98435
890-7492-17	SS 183	Total/NA	Solid	8021B	98435
890-7492-18	SS 200	Total/NA	Solid	8021B	98435
MB 880-98435/5-A	Method Blank	Total/NA	Solid	8021B	98435
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	8021B	98435
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98435

Prep Batch: 98432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	5035	
890-7492-2	SS 20	Total/NA	Solid	5035	
890-7492-3	SS 64	Total/NA	Solid	5035	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Prep Batch: 98432 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-4	SS 80	Total/NA	Solid	5035	
890-7492-5	SS 262	Total/NA	Solid	5035	
890-7492-6	SS 320	Total/NA	Solid	5035	
MB 880-98432/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	5035	
890-7492-8	SS 46	Total/NA	Solid	5035	
890-7492-9	SS 107	Total/NA	Solid	5035	
890-7492-10	SS 290	Total/NA	Solid	5035	
890-7492-11	SS 339	Total/NA	Solid	5035	
890-7492-12	SS 495	Total/NA	Solid	5035	
MB 880-98433/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	5035	
890-7492-20	SS 477	Total/NA	Solid	5035	
890-7492-21	SS 176	Total/NA	Solid	5035	
890-7492-22	SS 138	Total/NA	Solid	5035	
890-7492-23	SS 420	Total/NA	Solid	5035	
MB 880-98434/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	5035	
890-7492-14	SS 154	Total/NA	Solid	5035	
890-7492-15	SS 504	Total/NA	Solid	5035	
890-7492-16	SS 398	Total/NA	Solid	5035	
890-7492-17	SS 183	Total/NA	Solid	5035	
890-7492-18	SS 200	Total/NA	Solid	5035	
MB 880-98435/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 98498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	Total BTEX	
890-7492-2	SS 20	Total/NA	Solid	Total BTEX	
890-7492-3	SS 64	Total/NA	Solid	Total BTEX	
890-7492-4	SS 80	Total/NA	Solid	Total BTEX	
890-7492-5	SS 262	Total/NA	Solid	Total BTEX	
890-7492-6	SS 320	Total/NA	Solid	Total BTEX	
890-7492-7	SS 488	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Analysis Batch: 98498 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-8	SS 46	Total/NA	Solid	Total BTEX	
890-7492-9	SS 107	Total/NA	Solid	Total BTEX	
890-7492-10	SS 290	Total/NA	Solid	Total BTEX	
890-7492-11	SS 339	Total/NA	Solid	Total BTEX	
890-7492-12	SS 495	Total/NA	Solid	Total BTEX	
890-7492-13	SS 129	Total/NA	Solid	Total BTEX	
890-7492-14	SS 154	Total/NA	Solid	Total BTEX	
890-7492-15	SS 504	Total/NA	Solid	Total BTEX	
890-7492-16	SS 398	Total/NA	Solid	Total BTEX	
890-7492-17	SS 183	Total/NA	Solid	Total BTEX	
890-7492-18	SS 200	Total/NA	Solid	Total BTEX	
890-7492-19	SS 435	Total/NA	Solid	Total BTEX	
890-7492-20	SS 477	Total/NA	Solid	Total BTEX	
890-7492-21	SS 176	Total/NA	Solid	Total BTEX	
890-7492-22	SS 138	Total/NA	Solid	Total BTEX	
890-7492-23	SS 420	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 98401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015NM Prep	
890-7492-2	SS 20	Total/NA	Solid	8015NM Prep	
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 98402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-4	SS 80	Total/NA	Solid	8015NM Prep	
890-7492-5	SS 262	Total/NA	Solid	8015NM Prep	
890-7492-6	SS 320	Total/NA	Solid	8015NM Prep	
890-7492-7	SS 488	Total/NA	Solid	8015NM Prep	
890-7492-8	SS 46	Total/NA	Solid	8015NM Prep	
890-7492-9	SS 107	Total/NA	Solid	8015NM Prep	
890-7492-10	SS 290	Total/NA	Solid	8015NM Prep	
890-7492-11	SS 339	Total/NA	Solid	8015NM Prep	
890-7492-12	SS 495	Total/NA	Solid	8015NM Prep	
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-3 MS	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-3 MSD	SS 64	Total/NA	Solid	8015NM Prep	

Prep Batch: 98403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-14	SS 154	Total/NA	Solid	8015NM Prep	
890-7492-15	SS 504	Total/NA	Solid	8015NM Prep	
890-7492-16	SS 398	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Prep Batch: 98403 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-17	SS 183	Total/NA	Solid	8015NM Prep	
890-7492-18	SS 200	Total/NA	Solid	8015NM Prep	
890-7492-19	SS 435	Total/NA	Solid	8015NM Prep	
890-7492-20	SS 477	Total/NA	Solid	8015NM Prep	
890-7492-21	SS 176	Total/NA	Solid	8015NM Prep	
890-7492-22	SS 138	Total/NA	Solid	8015NM Prep	
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-13 MS	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-13 MSD	SS 129	Total/NA	Solid	8015NM Prep	

Prep Batch: 98404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015NM Prep	
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-23 MS	SS 420	Total/NA	Solid	8015NM Prep	
890-7492-23 MSD	SS 420	Total/NA	Solid	8015NM Prep	

Analysis Batch: 98423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015B NM	98401
890-7492-2	SS 20	Total/NA	Solid	8015B NM	98401
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015B NM	98401
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98401
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98401

Analysis Batch: 98425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-4	SS 80	Total/NA	Solid	8015B NM	98402
890-7492-5	SS 262	Total/NA	Solid	8015B NM	98402
890-7492-6	SS 320	Total/NA	Solid	8015B NM	98402
890-7492-7	SS 488	Total/NA	Solid	8015B NM	98402
890-7492-8	SS 46	Total/NA	Solid	8015B NM	98402
890-7492-9	SS 107	Total/NA	Solid	8015B NM	98402
890-7492-10	SS 290	Total/NA	Solid	8015B NM	98402
890-7492-11	SS 339	Total/NA	Solid	8015B NM	98402
890-7492-12	SS 495	Total/NA	Solid	8015B NM	98402
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015B NM	98402
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98402
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98402
890-7492-3 MS	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-3 MSD	SS 64	Total/NA	Solid	8015B NM	98402

Analysis Batch: 98427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-14	SS 154	Total/NA	Solid	8015B NM	98403

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Analysis Batch: 98427 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-15	SS 504	Total/NA	Solid	8015B NM	98403
890-7492-16	SS 398	Total/NA	Solid	8015B NM	98403
890-7492-17	SS 183	Total/NA	Solid	8015B NM	98403
890-7492-18	SS 200	Total/NA	Solid	8015B NM	98403
890-7492-19	SS 435	Total/NA	Solid	8015B NM	98403
890-7492-20	SS 477	Total/NA	Solid	8015B NM	98403
890-7492-21	SS 176	Total/NA	Solid	8015B NM	98403
890-7492-22	SS 138	Total/NA	Solid	8015B NM	98403
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015B NM	98403
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98403
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98403
890-7492-13 MS	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-13 MSD	SS 129	Total/NA	Solid	8015B NM	98403

Analysis Batch: 98430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015B NM	98404
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015B NM	98404
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98404
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98404
890-7492-23 MS	SS 420	Total/NA	Solid	8015B NM	98404
890-7492-23 MSD	SS 420	Total/NA	Solid	8015B NM	98404

Analysis Batch: 98523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015 NM	
890-7492-2	SS 20	Total/NA	Solid	8015 NM	
890-7492-3	SS 64	Total/NA	Solid	8015 NM	
890-7492-4	SS 80	Total/NA	Solid	8015 NM	
890-7492-5	SS 262	Total/NA	Solid	8015 NM	
890-7492-6	SS 320	Total/NA	Solid	8015 NM	
890-7492-7	SS 488	Total/NA	Solid	8015 NM	
890-7492-8	SS 46	Total/NA	Solid	8015 NM	
890-7492-9	SS 107	Total/NA	Solid	8015 NM	
890-7492-10	SS 290	Total/NA	Solid	8015 NM	
890-7492-11	SS 339	Total/NA	Solid	8015 NM	
890-7492-12	SS 495	Total/NA	Solid	8015 NM	
890-7492-13	SS 129	Total/NA	Solid	8015 NM	
890-7492-14	SS 154	Total/NA	Solid	8015 NM	
890-7492-15	SS 504	Total/NA	Solid	8015 NM	
890-7492-16	SS 398	Total/NA	Solid	8015 NM	
890-7492-17	SS 183	Total/NA	Solid	8015 NM	
890-7492-18	SS 200	Total/NA	Solid	8015 NM	
890-7492-19	SS 435	Total/NA	Solid	8015 NM	
890-7492-20	SS 477	Total/NA	Solid	8015 NM	
890-7492-21	SS 176	Total/NA	Solid	8015 NM	
890-7492-22	SS 138	Total/NA	Solid	8015 NM	
890-7492-23	SS 420	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC

Leach Batch: 98373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	DI Leach	
890-7492-13	SS 129	Soluble	Solid	DI Leach	
890-7492-14	SS 154	Soluble	Solid	DI Leach	
890-7492-15	SS 504	Soluble	Solid	DI Leach	
890-7492-16	SS 398	Soluble	Solid	DI Leach	
890-7492-17	SS 183	Soluble	Solid	DI Leach	
890-7492-18	SS 200	Soluble	Solid	DI Leach	
890-7492-19	SS 435	Soluble	Solid	DI Leach	
890-7492-20	SS 477	Soluble	Solid	DI Leach	
890-7492-21	SS 176	Soluble	Solid	DI Leach	
890-7492-22	SS 138	Soluble	Solid	DI Leach	
890-7492-23	SS 420	Soluble	Solid	DI Leach	
MB 880-98373/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-20 MS	SS 477	Soluble	Solid	DI Leach	
890-7492-20 MSD	SS 477	Soluble	Solid	DI Leach	

Leach Batch: 98374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	DI Leach	
890-7492-2	SS 20	Soluble	Solid	DI Leach	
890-7492-3	SS 64	Soluble	Solid	DI Leach	
890-7492-4	SS 80	Soluble	Solid	DI Leach	
890-7492-5	SS 262	Soluble	Solid	DI Leach	
890-7492-6	SS 320	Soluble	Solid	DI Leach	
890-7492-7	SS 488	Soluble	Solid	DI Leach	
890-7492-8	SS 46	Soluble	Solid	DI Leach	
890-7492-9	SS 107	Soluble	Solid	DI Leach	
890-7492-10	SS 290	Soluble	Solid	DI Leach	
890-7492-11	SS 339	Soluble	Solid	DI Leach	
MB 880-98374/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-2 MS	SS 20	Soluble	Solid	DI Leach	
890-7492-2 MSD	SS 20	Soluble	Solid	DI Leach	

Analysis Batch: 98376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	300.0	98374
890-7492-2	SS 20	Soluble	Solid	300.0	98374
890-7492-3	SS 64	Soluble	Solid	300.0	98374
890-7492-4	SS 80	Soluble	Solid	300.0	98374
890-7492-5	SS 262	Soluble	Solid	300.0	98374
890-7492-6	SS 320	Soluble	Solid	300.0	98374
890-7492-7	SS 488	Soluble	Solid	300.0	98374
890-7492-8	SS 46	Soluble	Solid	300.0	98374
890-7492-9	SS 107	Soluble	Solid	300.0	98374
890-7492-10	SS 290	Soluble	Solid	300.0	98374
890-7492-11	SS 339	Soluble	Solid	300.0	98374
MB 880-98374/1-A	Method Blank	Soluble	Solid	300.0	98374

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC (Continued)

Analysis Batch: 98376 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	300.0	98374
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98374
890-7492-2 MS	SS 20	Soluble	Solid	300.0	98374
890-7492-2 MSD	SS 20	Soluble	Solid	300.0	98374

Analysis Batch: 98377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	300.0	98373
890-7492-13	SS 129	Soluble	Solid	300.0	98373
890-7492-14	SS 154	Soluble	Solid	300.0	98373
890-7492-15	SS 504	Soluble	Solid	300.0	98373
890-7492-16	SS 398	Soluble	Solid	300.0	98373
890-7492-17	SS 183	Soluble	Solid	300.0	98373
890-7492-18	SS 200	Soluble	Solid	300.0	98373
890-7492-19	SS 435	Soluble	Solid	300.0	98373
890-7492-20	SS 477	Soluble	Solid	300.0	98373
890-7492-21	SS 176	Soluble	Solid	300.0	98373
890-7492-22	SS 138	Soluble	Solid	300.0	98373
890-7492-23	SS 420	Soluble	Solid	300.0	98373
MB 880-98373/1-A	Method Blank	Soluble	Solid	300.0	98373
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	300.0	98373
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98373
890-7492-20 MS	SS 477	Soluble	Solid	300.0	98373
890-7492-20 MSD	SS 477	Soluble	Solid	300.0	98373

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01
Date Collected: 12/19/24 08:20
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 11:51
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		5	98350	MNR	EET MID	12/20/24 13:55
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:55
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		20	98376	CH	EET MID	12/20/24 10:49

Client Sample ID: SS 20
Date Collected: 12/19/24 08:36
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:15
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:15
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 10:58

Client Sample ID: SS 64
Date Collected: 12/19/24 08:47
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 12:33
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:33
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 09:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 09:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:54

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80
Date Collected: 12/19/24 08:53
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:36
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:36
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:24
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:24
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:30

Client Sample ID: SS 262
Date Collected: 12/19/24 08:59
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		50	98350	MNR	EET MID	12/20/24 13:14
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:14
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:38
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:38
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:48

Client Sample ID: SS 320
Date Collected: 12/19/24 09:04
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		25	98350	MNR	EET MID	12/20/24 13:34
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:34
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:53
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:53
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:59

Client Sample ID: SS 488
Date Collected: 12/19/24 09:12
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		100	98351	MNR	EET MID	12/20/24 12:24
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:24

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488
Date Collected: 12/19/24 09:12
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:08
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:08
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:06

Client Sample ID: SS 46
Date Collected: 12/19/24 10:15
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 12:45
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:45
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:25
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:25
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:11

Client Sample ID: SS 107
Date Collected: 12/19/24 10:22
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:05
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:05
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:17

Client Sample ID: SS 290
Date Collected: 12/19/24 10:30
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:25
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:25
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:54
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:54

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:23

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:46
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:46
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:29

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 14:06
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:06
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:36

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 11:49
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 11:49
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:43

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154
Date Collected: 12/19/24 11:19
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:10
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:10
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:00
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:00
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:50

Client Sample ID: SS 504
Date Collected: 12/19/24 11:40
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		10	98353	MNR	EET MID	12/20/24 13:32
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:32
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:15
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:15
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:12

Client Sample ID: SS 398
Date Collected: 12/19/24 11:27
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:30
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:30
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:31
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:31
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:19

Client Sample ID: SS 183
Date Collected: 12/19/24 11:44
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:51
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:51

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Date Collected: 12/19/24 11:44

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:47
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:47
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:26

Client Sample ID: SS 200

Date Collected: 12/19/24 11:49

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 13:11
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:11
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:03
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:03
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:33

Client Sample ID: SS 435

Date Collected: 12/19/24 11:53

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-19

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:07
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:07
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:20
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:20
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:40

Client Sample ID: SS 477

Date Collected: 12/19/24 12:02

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:27
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:27
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:36
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:36

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:48

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		10	98352	MNR	EET MID	12/20/24 13:28
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:28
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:52
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:52
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:09

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:48
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:48
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 14:07
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 14:07
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 10:16

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 13:08
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:08
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98404	EL	EET MID	12/19/24 21:32
Total/NA	Analysis	8015B NM		1	98430	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:38

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
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- 12
- 13
- 14

Accreditation/Certification Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7492-1	SS 01	Solid	12/19/24 08:20	12/19/24 15:45	- SURFACE
890-7492-2	SS 20	Solid	12/19/24 08:36	12/19/24 15:45	- SURFACE
890-7492-3	SS 64	Solid	12/19/24 08:47	12/19/24 15:45	- SURFACE
890-7492-4	SS 80	Solid	12/19/24 08:53	12/19/24 15:45	- SURFACE
890-7492-5	SS 262	Solid	12/19/24 08:59	12/19/24 15:45	- SURFACE
890-7492-6	SS 320	Solid	12/19/24 09:04	12/19/24 15:45	- SURFACE
890-7492-7	SS 488	Solid	12/19/24 09:12	12/19/24 15:45	- SURFACE
890-7492-8	SS 46	Solid	12/19/24 10:15	12/19/24 15:45	- SURFACE
890-7492-9	SS 107	Solid	12/19/24 10:22	12/19/24 15:45	- SURFACE
890-7492-10	SS 290	Solid	12/19/24 10:30	12/19/24 15:45	- SURFACE
890-7492-11	SS 339	Solid	12/19/24 10:37	12/19/24 15:45	- SURFACE
890-7492-12	SS 495	Solid	12/19/24 10:44	12/19/24 15:45	- SURFACE
890-7492-13	SS 129	Solid	12/19/24 11:07	12/19/24 15:45	- SURFACE
890-7492-14	SS 154	Solid	12/19/24 11:19	12/19/24 15:45	- SURFACE
890-7492-15	SS 504	Solid	12/19/24 11:40	12/19/24 15:45	- SURFACE
890-7492-16	SS 398	Solid	12/19/24 11:27	12/19/24 15:45	- SURFACE
890-7492-17	SS 183	Solid	12/19/24 11:44	12/19/24 15:45	- SURFACE
890-7492-18	SS 200	Solid	12/19/24 11:49	12/19/24 15:45	- SURFACE
890-7492-19	SS 435	Solid	12/19/24 11:53	12/19/24 15:45	- SURFACE
890-7492-20	SS 477	Solid	12/19/24 12:02	12/19/24 15:45	- SURFACE
890-7492-21	SS 176	Solid	12/19/24 12:07	12/19/24 15:45	- SURFACE
890-7492-22	SS 138	Solid	12/19/24 12:17	12/19/24 15:45	- SURFACE
890-7492-23	SS 420	Solid	12/19/24 12:22	12/19/24 15:45	- SURFACE



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No: _____

Page 1 of 3

Project Manager: <u>Michael Wicker</u>	Bill to: (if different) <u>CDH Consulting</u>
Company Name: <u>Cotto</u>	Company Name: _____
Address: _____	Address: _____
City, State ZIP: _____	City, State ZIP: _____
Phone: <u>506-970-8459</u>	Email: <u>mwicker@cdhconsult.com</u>

Project Name: <u>Close Encounter 30114</u>	Turn Around	Pres. Code
Project Number: _____	☐ Routine ☒ Rush	
Project Location: <u>Buckeye, NM</u>	Due Date: <u>12-20-2024</u>	
Sampler's Name: <u>Dakotah Cueto</u>	TAT starts the day received by the lab, if received by 4:30pm	
PO #: _____		

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters		Preservative Codes	Sample Comments
							Yes	No		
SS01	S	12-19-24	08:20	Surf	C	1			None: NO	DI Water: H ₂ O
SS20	S		08:36		C	1			Cool: Cool	MeOH: Me
SS64	S		08:47		C	1			HCL: HC	HNO ₃
SS80	S		08:53		C	1			H ₂ SO ₄ : H ₂	NaOH: Na
SS262	S		08:59		C	1			H ₃ PO ₄ : HP	
SS320	S		09:04		C	1			NaHSO ₄ : NABIS	
SS488	S		09:12		C	1			Na ₂ S ₂ O ₃ : NaSO ₃	
SS46	S		10:15		C	1			Zn Acetate+NaOH: Zn	
SS107	S		10:22		C	1			NaOH+Ascorbic Acid: SAPC	
SS290	S		10:30		C	1				

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature) <u>Dakotah Cueto</u>	Received by: (Signature) <u>[Signature]</u>	Date/Time <u>12/19 1545</u>
3		4
5		6

Revised Date: 06/25/2020 Rev. 2020.2

Chain of Custody



Environment Testing

Work Order No:

Page 2 of 3

Little Rock, AR (501) 224-5060

Project Manager: Michael Wicker		Bill to: (if different) CDH Consulting	
Company Name: CDH		Company Name:	
Address:		Address:	
City, State ZIP:		City, State ZIP:	
Phone: 616-970-8459		Email: mwicker@cdhconsult.com	

Project Name: Close Encounters 301H		Turn Around	
Project Number:		☐ Routine ☒ Rush	
Project Location: Buckeye, NM		Due Date: 12-20-2024	
Sampler's Name: Dakotah Custer		TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes	No	Wet Ice: Yes No
Samples Received Intact:	Yes	No	Thermometer ID:
Cooler Custody Seals:	Yes	No	Correction Factor:
Sample Custody Seals:	Yes	No	Temperature Reading:
Total Containers:	Corrected Temperature:		

ANALYSIS REQUEST				PRESERVATIVE CODES			
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Preservative Codes
SS339	S	12/14/2024	10:57	Surf	C	1	None: NO DI Water: H ₂ O
SS495	S		10:44		C	1	Cool: Cool MeOH: Me
SS129	S		11:07		C	1	HCL: HC HNO ₃
SS154	S		11:19		C	1	H ₂ SO ₄ : H ₂ NaOH: Na
SS504	S		11:40		C	1	H ₃ PO ₄ : HP NaHSO ₄ : NABIS
SS398	S		11:27		C	1	Na ₂ S ₂ O ₃ : NaSO ₃
SS183	S		11:44		C	1	Zn Acetate+NaOH: Zn
SS200	S		11:49		C	1	NaOH+Ascorbic Acid: SACP
SS435	S		11:53		C	1	
SS477	S		12:02		C	1	

NOTES: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$95.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	<i>Dakotah Nieto</i>			2		
3				4		
5				6		

Reviewed Date: 08/25/2020 Rev: 2020 2



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3499
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 3 of 3

[illegible]

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Source: Eurofins Midland

List Number: 2

List Creation: 12/19/24 09:21 PM

Creator: Laing, Edmundo

Question	Answer	Comment
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time (excluding tests with immediate HTs)		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").		



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Michael Wicker
CDH Consulting
9446 Clermont St,
Thornton, Colorado 80229
Generated 12/20/2024 3:02:55 PM

JOB DESCRIPTION

CLOSE ENCOUNTER 301 H
BUCKEYE

JOB NUMBER

890-7492-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

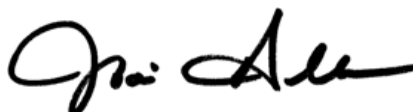
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
12/20/2024 3:02:55 PM

Authorized for release by
Jodi Allen, Project Manager I
Jodi.Allen@et.eurofinsus.com
(281)520-2865

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Laboratory Job ID: 890-7492-1
SDG: BUCKEYE

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Definitions/Glossary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1

Eurofins Carlsbad

Job Narrative
890-7492-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 12/19/2024 3:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 64 (890-7492-3), SS 80 (890-7492-4), SS 262 (890-7492-5), SS 320 (890-7492-6), SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11), SS 495 (890-7492-12), SS 129 (890-7492-13), SS 154 (890-7492-14), SS 504 (890-7492-15), SS 398 (890-7492-16), SS 183 (890-7492-17), SS 200 (890-7492-18), SS 435 (890-7492-19), SS 477 (890-7492-20), SS 176 (890-7492-21), SS 138 (890-7492-22) and SS 420 (890-7492-23).

GC VOA

Method 8021B: The following samples were diluted due to physical characteristics such as color, odor, appearance, viscosity, etc. >>: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 80 (890-7492-4), SS 262 (890-7492-5) and SS 320 (890-7492-6). Elevated reporting limits (RL) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 01 (890-7492-1), SS 20 (890-7492-2) and SS 64 (890-7492-3). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 398 (890-7492-16) and SS 200 (890-7492-18). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SS 176 (890-7492-21). Evidence of matrix interferences is not obvious.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11) and SS 495 (890-7492-12). Elevated reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 46 (890-7492-8), SS 290 (890-7492-10) and SS 495 (890-7492-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: SS 504 (890-7492-15). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-98402/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98402 and analytical batch 880-98425 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within

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Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1 (Continued)

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acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SS 262 (890-7492-5). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Due to the high concentration of Diesel Range Organics (Over C10-C28), the matrix spike (MS) for preparation batch 880-98403 and analytical batch 880-98427 could not be evaluated for accuracy. The associated matrix spike duplicate (MSD) met acceptance criteria.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SS 477 (890-7492-20), (LCS 880-98403/2-A) and (LCSD 880-98403/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The method blank for preparation batch 880-98404 and analytical batch 880-98430 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-98404/2-A) and (LCSD 880-98404/3-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-98404 and analytical batch 880-98430 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The laboratory control sample (LCS) for preparation batch 880-98403 and analytical batch 880-98427 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10. Since only an acceptable LCSD is required per the method, the LCSD shows recovery for the batch and the data has been qualified and reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98374 and analytical batch 880-98376 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01

Lab Sample ID: 890-7492-1

Date Collected: 12/19/24 08:20

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0101	U	0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Ethylbenzene	0.0947		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Toluene	0.0306		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Xylenes, Total	1.81		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
m-Xylene & p-Xylene	0.0449		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
o-Xylene	1.77		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:24	12/20/24 11:51	20
1,4-Difluorobenzene (Surr)	124		70 - 130				12/20/24 08:24	12/20/24 11:51	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.94		0.0202		mg/Kg			12/20/24 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	287		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	287		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				12/19/24 21:26	12/20/24 12:09	1
o-Terphenyl	86		70 - 130				12/19/24 21:26	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17600		199		mg/Kg			12/20/24 10:49	20

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Ethylbenzene	0.0420		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Toluene	0.0216		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Xylenes, Total	0.350		0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
m-Xylene & p-Xylene	<0.0401	U	0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
o-Xylene	0.350		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				12/20/24 08:24	12/20/24 14:15	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	136	S1+	70 - 130	12/20/24 08:24	12/20/24 14:15	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.414		0.0401		mg/Kg			12/20/24 14:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	110		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	110		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				12/19/24 21:26	12/20/24 12:23	1
o-Terphenyl	77		70 - 130				12/19/24 21:26	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300	F1	49.9		mg/Kg			12/20/24 10:58	5

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Ethylbenzene	0.242		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Toluene	0.0581		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Xylenes, Total	0.781		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
m-Xylene & p-Xylene	0.189		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
o-Xylene	0.592		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20
1,4-Difluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.08		0.0795		mg/Kg			12/20/24 12:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	631		50.0		mg/Kg			12/20/24 09:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Diesel Range Organics (Over C10-C28)	631	F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 09:40	1
o-Terphenyl	78		70 - 130				12/19/24 21:28	12/20/24 09:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3110		50.2		mg/Kg			12/20/24 11:54	5

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Ethylbenzene	0.0344		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Toluene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Xylenes, Total	0.680		0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
m-Xylene & p-Xylene	<0.0399	U	0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
o-Xylene	0.680		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				12/20/24 08:24	12/20/24 14:36	10
1,4-Difluorobenzene (Surr)	106		70 - 130				12/20/24 08:24	12/20/24 14:36	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.714		0.0399		mg/Kg			12/20/24 14:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	188		50.0		mg/Kg			12/20/24 10:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Diesel Range Organics (Over C10-C28)	188		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				12/19/24 21:28	12/20/24 10:24	1
o-Terphenyl	74		70 - 130				12/19/24 21:28	12/20/24 10:24	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3070		100		mg/Kg			12/20/24 11:30	10

Client Sample ID: SS 262

Lab Sample ID: 890-7492-5

Date Collected: 12/19/24 08:59

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Ethylbenzene	0.966		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Toluene	0.415		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Xylenes, Total	1.51		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
m-Xylene & p-Xylene	0.756		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
o-Xylene	0.754		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				12/20/24 08:24	12/20/24 13:14	50
1,4-Difluorobenzene (Surr)	122		70 - 130				12/20/24 08:24	12/20/24 13:14	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.89		0.202		mg/Kg			12/20/24 13:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	463		50.0		mg/Kg			12/20/24 10:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Diesel Range Organics (Over C10-C28)	463		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				12/19/24 21:28	12/20/24 10:38	1
o-Terphenyl	69	S1-	70 - 130				12/19/24 21:28	12/20/24 10:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4470		99.4		mg/Kg			12/20/24 11:48	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 320

Lab Sample ID: 890-7492-6

Date Collected: 12/19/24 09:04

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0503	U	0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Ethylbenzene	0.537		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Toluene	0.125		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Xylenes, Total	1.20		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
m-Xylene & p-Xylene	0.454		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
o-Xylene	0.746		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				12/20/24 08:24	12/20/24 13:34	25
1,4-Difluorobenzene (Surr)	126		70 - 130				12/20/24 08:24	12/20/24 13:34	25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.86		0.101		mg/Kg			12/20/24 13:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	876		49.7		mg/Kg			12/20/24 10:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Diesel Range Organics (Over C10-C28)	876		49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				12/19/24 21:28	12/20/24 10:53	1
o-Terphenyl	75		70 - 130				12/19/24 21:28	12/20/24 10:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3410		49.8		mg/Kg			12/20/24 11:59	5

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.199	U	0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Ethylbenzene	1.92		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Toluene	0.602		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Xylenes, Total	3.04		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
m-Xylene & p-Xylene	1.78		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
o-Xylene	1.26		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				12/20/24 08:27	12/20/24 12:24	100

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	100		70 - 130	12/20/24 08:27	12/20/24 12:24	100

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	5.56		0.398		mg/Kg			12/20/24 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2500		49.8		mg/Kg			12/20/24 11:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.7		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Diesel Range Organics (Over C10-C28)	2410		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:08	1
o-Terphenyl	95		70 - 130				12/19/24 21:28	12/20/24 11:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3680		49.6		mg/Kg			12/20/24 12:06	5

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.11		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Ethylbenzene	9.28		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Toluene	7.96		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Xylenes, Total	10.9		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
m-Xylene & p-Xylene	6.88		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
o-Xylene	4.05		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130				12/20/24 08:27	12/20/24 12:45	50
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:27	12/20/24 12:45	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	29.3		0.200		mg/Kg			12/20/24 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1330		49.9		mg/Kg			12/20/24 11:25	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	95.0		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Diesel Range Organics (Over C10-C28)	1230		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:25	1
o-Terphenyl	81		70 - 130				12/19/24 21:28	12/20/24 11:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5420		101		mg/Kg			12/20/24 12:11	10

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Ethylbenzene	1.52		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Toluene	0.807		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Xylenes, Total	4.70		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
m-Xylene & p-Xylene	3.88		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
o-Xylene	0.815		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				12/20/24 08:27	12/20/24 13:05	50
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:27	12/20/24 13:05	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	7.02		0.202		mg/Kg			12/20/24 13:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	60.0		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Diesel Range Organics (Over C10-C28)	1450		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:40	1
o-Terphenyl	86		70 - 130				12/19/24 21:28	12/20/24 11:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5250		99.4		mg/Kg			12/20/24 12:17	10

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.151		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Ethylbenzene	3.30		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Toluene	1.75		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Xylenes, Total	4.33		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
m-Xylene & p-Xylene	2.60		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
o-Xylene	1.73		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:27	12/20/24 13:25	50
1,4-Difluorobenzene (Surr)	100		70 - 130				12/20/24 08:27	12/20/24 13:25	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	9.53		0.201		mg/Kg			12/20/24 13:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2470		49.8		mg/Kg			12/20/24 11:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	129		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Diesel Range Organics (Over C10-C28)	2340		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				12/19/24 21:28	12/20/24 11:54	1
o-Terphenyl	105		70 - 130				12/19/24 21:28	12/20/24 11:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5400		99.8		mg/Kg			12/20/24 12:23	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.106		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Ethylbenzene	3.81		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Toluene	1.12		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Xylenes, Total	5.28		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
m-Xylene & p-Xylene	3.48		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
o-Xylene	1.80		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	12/20/24 08:27	12/20/24 13:46	50
1,4-Difluorobenzene (Surr)	99		70 - 130	12/20/24 08:27	12/20/24 13:46	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	10.3		0.200		mg/Kg			12/20/24 13:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3950		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	154		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	3800		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	12/19/24 21:28	12/20/24 12:09	1
o-Terphenyl	121		70 - 130	12/19/24 21:28	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4280		49.9		mg/Kg			12/20/24 12:29	5

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0994	U	0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Ethylbenzene	5.40		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Toluene	1.34		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Xylenes, Total	7.57		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
m-Xylene & p-Xylene	4.90		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
o-Xylene	2.67		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130	12/20/24 08:27	12/20/24 14:06	50

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	12/20/24 08:27	12/20/24 14:06	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	14.3		0.199		mg/Kg			12/20/24 14:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3070		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	177		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	2890		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:28	12/20/24 12:23	1
o-Terphenyl	108		70 - 130				12/19/24 21:28	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3660		49.6		mg/Kg			12/20/24 08:36	5

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Ethylbenzene	0.0238		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Toluene	0.00837		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Xylenes, Total	0.0306		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
m-Xylene & p-Xylene	0.0204		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
o-Xylene	0.0102		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	12/20/24 08:33	12/20/24 11:49	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/20/24 08:33	12/20/24 11:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0628		0.00404		mg/Kg			12/20/24 11:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	538		49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Diesel Range Organics (Over C10-C28)	538	F1	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 11:11	1
o-Terphenyl	79		70 - 130				12/19/24 21:30	12/20/24 11:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3350		50.0		mg/Kg			12/20/24 08:43	5

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Ethylbenzene	0.0475		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Toluene	0.0124		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Xylenes, Total	0.0632		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
m-Xylene & p-Xylene	0.0373		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
o-Xylene	0.0259		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				12/20/24 08:33	12/20/24 12:10	1
1,4-Difluorobenzene (Surr)	93		70 - 130				12/20/24 08:33	12/20/24 12:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.123		0.00401		mg/Kg			12/20/24 12:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2710		49.8		mg/Kg			12/20/24 12:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Diesel Range Organics (Over C10-C28)	2710		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 12:00	1
o-Terphenyl	120		70 - 130				12/19/24 21:30	12/20/24 12:00	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1710		50.3		mg/Kg			12/20/24 08:50	5

Client Sample ID: SS 504

Lab Sample ID: 890-7492-15

Date Collected: 12/19/24 11:40

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Ethylbenzene	0.563		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Toluene	0.173		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Xylenes, Total	0.464		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
m-Xylene & p-Xylene	0.290		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
o-Xylene	0.174		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				12/20/24 08:33	12/20/24 13:32	10
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:33	12/20/24 13:32	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.20		0.0398		mg/Kg			12/20/24 13:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 12:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Diesel Range Organics (Over C10-C28)	1510		50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				12/19/24 21:30	12/20/24 12:15	1
o-Terphenyl	97		70 - 130				12/19/24 21:30	12/20/24 12:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2990		50.0		mg/Kg			12/20/24 09:12	5

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 398

Lab Sample ID: 890-7492-16

Date Collected: 12/19/24 11:27

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0262		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Ethylbenzene	0.199		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Toluene	0.168		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Xylenes, Total	0.269		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
m-Xylene & p-Xylene	0.158		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
o-Xylene	0.111		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	12/20/24 08:33	12/20/24 12:30	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:33	12/20/24 12:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.662		0.00399		mg/Kg			12/20/24 12:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3130		49.9		mg/Kg			12/20/24 12:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.1	*+	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Diesel Range Organics (Over C10-C28)	3040		49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	12/19/24 21:30	12/20/24 12:31	1
o-Terphenyl	120		70 - 130	12/19/24 21:30	12/20/24 12:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2960		50.1		mg/Kg			12/20/24 09:19	5

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Ethylbenzene	0.0487		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Toluene	0.00442		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Xylenes, Total	0.0402		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
m-Xylene & p-Xylene	0.0276		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
o-Xylene	0.0126		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	12/20/24 08:33	12/20/24 12:51	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	75		70 - 130	12/20/24 08:33	12/20/24 12:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0933		0.00404		mg/Kg			12/20/24 12:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	311		49.8		mg/Kg			12/20/24 12:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Diesel Range Organics (Over C10-C28)	311		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				12/19/24 21:30	12/20/24 12:47	1
o-Terphenyl	77		70 - 130				12/19/24 21:30	12/20/24 12:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.8		9.96		mg/Kg			12/20/24 09:26	1

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Ethylbenzene	0.191		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Toluene	0.110		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Xylenes, Total	0.265		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
m-Xylene & p-Xylene	0.156		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
o-Xylene	0.109		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130	12/20/24 08:33	12/20/24 13:11	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 13:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.566		0.00402		mg/Kg			12/20/24 13:11	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2050		49.9		mg/Kg			12/20/24 13:03	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Diesel Range Organics (Over C10-C28)	2050		49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				12/19/24 21:30	12/20/24 13:03	1
o-Terphenyl	106		70 - 130				12/19/24 21:30	12/20/24 13:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	930		10.0		mg/Kg			12/20/24 09:33	1

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Ethylbenzene	0.00665		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Toluene	0.00205		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Xylenes, Total	0.0105		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
m-Xylene & p-Xylene	0.00628		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
o-Xylene	0.00418		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				12/20/24 08:30	12/20/24 12:07	1
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 12:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0192		0.00404		mg/Kg			12/20/24 12:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	601		49.7		mg/Kg			12/20/24 13:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U **	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Diesel Range Organics (Over C10-C28)	601		49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				12/19/24 21:30	12/20/24 13:20	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 13:20	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3030		49.7		mg/Kg			12/20/24 09:40	5

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Xylenes, Total	0.133		0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
o-Xylene	0.133		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				12/20/24 08:30	12/20/24 12:27	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/20/24 08:30	12/20/24 12:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.133		0.00401		mg/Kg			12/20/24 12:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/20/24 13:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 13:36	1
o-Terphenyl	66	S1-	70 - 130				12/19/24 21:30	12/20/24 13:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		10.0		mg/Kg			12/20/24 09:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Ethylbenzene	0.950		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Toluene	0.199		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Xylenes, Total	1.58		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
m-Xylene & p-Xylene	0.943		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
o-Xylene	0.636		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	193	S1+	70 - 130				12/20/24 08:30	12/20/24 13:28	10
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 13:28	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.73		0.0398		mg/Kg			12/20/24 13:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2110		49.8		mg/Kg			12/20/24 13:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Diesel Range Organics (Over C10-C28)	2110		49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:30	12/20/24 13:52	1
o-Terphenyl	112		70 - 130				12/19/24 21:30	12/20/24 13:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	812		9.98		mg/Kg			12/20/24 10:09	1

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Ethylbenzene	0.0120		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Toluene	0.00377		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Xylenes, Total	0.0233		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
m-Xylene & p-Xylene	0.0102		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
o-Xylene	0.0131		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				12/20/24 08:30	12/20/24 12:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130	12/20/24 08:30	12/20/24 12:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0391		0.00399		mg/Kg			12/20/24 12:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	573		49.8		mg/Kg			12/20/24 14:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Diesel Range Organics (Over C10-C28)	573		49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 14:07	1
o-Terphenyl	78		70 - 130				12/19/24 21:30	12/20/24 14:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2650		50.1		mg/Kg			12/20/24 10:16	5

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Xylenes, Total	0.0889		0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
o-Xylene	0.0889		0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	12/20/24 08:30	12/20/24 13:08	1
1,4-Difluorobenzene (Surr)	91		70 - 130	12/20/24 08:30	12/20/24 13:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0889		0.00404		mg/Kg			12/20/24 13:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 420
Date Collected: 12/19/24 12:22
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-23
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	104		70 - 130				12/19/24 21:32	12/20/24 11:11	1	
o-Terphenyl	109		70 - 130				12/19/24 21:32	12/20/24 11:11	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	162		9.94		mg/Kg			12/20/24 10:38	1	

Surrogate Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-7492-1	SS 01	131 S1+	124
890-7492-2	SS 20	128	136 S1+
890-7492-3	SS 64	137 S1+	131 S1+
890-7492-4	SS 80	144 S1+	106
890-7492-5	SS 262	125	122
890-7492-6	SS 320	126	126
890-7492-7	SS 488	106	100
890-7492-8	SS 46	171 S1+	94
890-7492-9	SS 107	107	101
890-7492-10	SS 290	131 S1+	100
890-7492-11	SS 339	122	99
890-7492-12	SS 495	139 S1+	104
890-7492-13	SS 129	109	95
890-7492-14	SS 154	99	93
890-7492-15	SS 504	110	94
890-7492-16	SS 398	141 S1+	96
890-7492-17	SS 183	88	75
890-7492-18	SS 200	159 S1+	93
890-7492-19	SS 435	113	104
890-7492-20	SS 477	98	95
890-7492-21	SS 176	193 S1+	104
890-7492-22	SS 138	115	103
890-7492-23	SS 420	95	91
LCS 880-98432/1-A	Lab Control Sample	101	96
LCS 880-98433/1-A	Lab Control Sample	96	103
LCS 880-98434/1-A	Lab Control Sample	107	104
LCS 880-98435/1-A	Lab Control Sample	106	99
LCSD 880-98432/2-A	Lab Control Sample Dup	103	99
LCSD 880-98433/2-A	Lab Control Sample Dup	94	103
LCSD 880-98434/2-A	Lab Control Sample Dup	109	103
LCSD 880-98435/2-A	Lab Control Sample Dup	108	98
MB 880-98432/5-A	Method Blank	112	85
MB 880-98433/5-A	Method Blank	98	96
MB 880-98434/5-A	Method Blank	111	101
MB 880-98435/5-A	Method Blank	92	93
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-1	SS 01	83	86
890-7492-2	SS 20	76	77
890-7492-3	SS 64	75	78
890-7492-3 MS	SS 64	78	76

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Surrogate Summary

Client: CDH Consulting

Job ID: 890-7492-1

Project/Site: CLOSE ENCOUNTER 301 H

SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-3 MSD	SS 64	77	76
890-7492-4	SS 80	73	74
890-7492-5	SS 262	70	69 S1-
890-7492-6	SS 320	74	75
890-7492-7	SS 488	75	95
890-7492-8	SS 46	75	81
890-7492-9	SS 107	75	86
890-7492-10	SS 290	85	105
890-7492-11	SS 339	84	121
890-7492-12	SS 495	88	108
890-7492-13	SS 129	84	79
890-7492-13 MS	SS 129	80	81
890-7492-13 MSD	SS 129	79	81
890-7492-14	SS 154	84	120
890-7492-15	SS 504	92	97
890-7492-16	SS 398	85	120
890-7492-17	SS 183	87	77
890-7492-18	SS 200	82	106
890-7492-19	SS 435	77	74
890-7492-20	SS 477	81	66 S1-
890-7492-21	SS 176	88	112
890-7492-22	SS 138	81	78
890-7492-23	SS 420	104	109
890-7492-23 MS	SS 420	92	99
890-7492-23 MSD	SS 420	92	99
LCS 880-98401/2-A	Lab Control Sample	118	102
LCS 880-98402/2-A	Lab Control Sample	121	104
LCS 880-98403/2-A	Lab Control Sample	136 S1+	123
LCS 880-98404/2-A	Lab Control Sample	158 S1+	172 S1+
LCSD 880-98401/3-A	Lab Control Sample Dup	110	95
LCSD 880-98402/3-A	Lab Control Sample Dup	145 S1+	123
LCSD 880-98403/3-A	Lab Control Sample Dup	133 S1+	120
LCSD 880-98404/3-A	Lab Control Sample Dup	166 S1+	175 S1+
MB 880-98401/1-A	Method Blank	81	80
MB 880-98402/1-A	Method Blank	75	75
MB 880-98403/1-A	Method Blank	91	74
MB 880-98404/1-A	Method Blank	93	96
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-98432/5-A							Client Sample ID: Method Blank		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 98350							Prep Batch: 98432		
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				12/20/24 08:24	12/20/24 11:08	1
1,4-Difluorobenzene (Surr)	85		70 - 130				12/20/24 08:24	12/20/24 11:08	1

Lab Sample ID: LCS 880-98432/1-A							Client Sample ID: Lab Control Sample		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 98350							Prep Batch: 98432		
Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Benzene		0.100	0.1137		mg/Kg		114	70 - 130	
Ethylbenzene		0.100	0.1107		mg/Kg		111	70 - 130	
Toluene		0.100	0.1082		mg/Kg		108	70 - 130	
m-Xylene & p-Xylene		0.200	0.2221		mg/Kg		111	70 - 130	
o-Xylene		0.100	0.1128		mg/Kg		113	70 - 130	
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	101		70 - 130						
1,4-Difluorobenzene (Surr)	96		70 - 130						

Lab Sample ID: LCSD 880-98432/2-A							Client Sample ID: Lab Control Sample Dup			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 98350							Prep Batch: 98432			
Analyte		Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene		0.100	0.1182		mg/Kg		118	70 - 130	4	35
Ethylbenzene		0.100	0.1145		mg/Kg		114	70 - 130	3	35
Toluene		0.100	0.1119		mg/Kg		112	70 - 130	3	35
m-Xylene & p-Xylene		0.200	0.2282		mg/Kg		114	70 - 130	3	35
o-Xylene		0.100	0.1165		mg/Kg		117	70 - 130	3	35
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits							
4-Bromofluorobenzene (Surr)	103		70 - 130							
1,4-Difluorobenzene (Surr)	99		70 - 130							

Lab Sample ID: MB 880-98433/5-A							Client Sample ID: Method Blank		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 98351							Prep Batch: 98433		
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	12/20/24 08:27	12/20/24 11:02	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:27	12/20/24 11:02	1

Lab Sample ID: LCS 880-98433/1-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1001		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09410		mg/Kg		94	70 - 130
Toluene	0.100	0.09371		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1885		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09536		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-98433/2-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1048		mg/Kg		105	70 - 130	5	35
Ethylbenzene	0.100	0.09886		mg/Kg		99	70 - 130	5	35
Toluene	0.100	0.09817		mg/Kg		98	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1969		mg/Kg		98	70 - 130	4	35
o-Xylene	0.100	0.09974		mg/Kg		100	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	111		70 - 130				12/20/24 08:30	12/20/24 11:25	1
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:30	12/20/24 11:25	1

Lab Sample ID: LCS 880-98434/1-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits		
		Result	Qualifier						
Benzene	0.100	0.1149		mg/Kg		115	70 - 130		
Ethylbenzene	0.100	0.1100		mg/Kg		110	70 - 130		
Toluene	0.100	0.1116		mg/Kg		112	70 - 130		
m-Xylene & p-Xylene	0.200	0.2234		mg/Kg		112	70 - 130		
o-Xylene	0.100	0.1142		mg/Kg		114	70 - 130		
Surrogate	LCS	LCS	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	107		70 - 130						
1,4-Difluorobenzene (Surr)	104		70 - 130						

Lab Sample ID: LCSD 880-98434/2-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.1162		mg/Kg		116	70 - 130	1	35
Ethylbenzene	0.100	0.1102		mg/Kg		110	70 - 130	0	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2247		mg/Kg		112	70 - 130	1	35
o-Xylene	0.100	0.1148		mg/Kg		115	70 - 130	1	35
Surrogate	LCSD	LCSD	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	109		70 - 130						
1,4-Difluorobenzene (Surr)	103		70 - 130						

Lab Sample ID: MB 880-98435/5-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98435

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	12/20/24 08:33	12/20/24 11:07	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 11:07	1

Lab Sample ID: LCS 880-98435/1-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1025		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.1037		mg/Kg		104	70 - 130
Toluene	0.100	0.1077		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2015		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1117		mg/Kg		112	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-98435/2-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1068		mg/Kg		107	70 - 130	4	35
Ethylbenzene	0.100	0.1065		mg/Kg		107	70 - 130	3	35
Toluene	0.100	0.1103		mg/Kg		110	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2041		mg/Kg		102	70 - 130	1	35
o-Xylene	0.100	0.1136		mg/Kg		114	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-98401/1-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98401

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130	12/19/24 21:26	12/20/24 00:11	1
o-Terphenyl	80		70 - 130	12/19/24 21:26	12/20/24 00:11	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98401/2-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98401

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1058		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	960.9		mg/Kg		96	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	118		70 - 130				
o-Terphenyl	102		70 - 130				

Lab Sample ID: LCSD 880-98401/3-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98401

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1005		mg/Kg		101	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	903.5		mg/Kg		90	70 - 130	6	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	110		70 - 130						
o-Terphenyl	95		70 - 130						

Lab Sample ID: MB 880-98402/1-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98402

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1-Chlorooctane	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	
o-Terphenyl	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	

Lab Sample ID: LCS 880-98402/2-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1061		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1028		mg/Kg		103	70 - 130

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98402/2-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98402

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: LCSD 880-98402/3-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1288		mg/Kg		129	70 - 130	19	20
Diesel Range Organics (Over C10-C28)	1000	1231		mg/Kg		123	70 - 130	18	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	145	S1+	70 - 130						
o-Terphenyl	123		70 - 130						

Lab Sample ID: 890-7492-3 MS
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: SS 64
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	665.3	F1	mg/Kg		67	70 - 130		
Diesel Range Organics (Over C10-C28)	631	F1	998	1155	F1	mg/Kg		53	70 - 130		
Surrogate	%Recovery	MS Qualifier	Limits								
1-Chlorooctane	78		70 - 130								
o-Terphenyl	76		70 - 130								

Lab Sample ID: 890-7492-3 MSD
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: SS 64
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	660.4	F1	mg/Kg		66	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	631	F1	998	1141	F1	mg/Kg		51	70 - 130	1	20
Surrogate	%Recovery	MSD Qualifier	Limits								
1-Chlorooctane	77		70 - 130								
o-Terphenyl	76		70 - 130								

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-98403/1-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98403

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				12/19/24 21:30	12/20/24 09:12	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 09:12	1

Lab Sample ID: LCS 880-98403/2-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1333	*+	mg/Kg		133	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1178		mg/Kg		118	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	136	S1+	70 - 130				
o-Terphenyl	123		70 - 130				

Lab Sample ID: LCSD 880-98403/3-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1180		mg/Kg		118	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	1000	1166		mg/Kg		117	70 - 130	1	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	133	S1+	70 - 130						
o-Terphenyl	120		70 - 130						

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	997	729.6		mg/Kg		73	70 - 130
Diesel Range Organics (Over C10-C28)	538	F1	997	1207	F1	mg/Kg		67	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	80		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: 890-7492-13 MSD

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	997	855.4		mg/Kg		86	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	538	F1	997	1282		mg/Kg		75	70 - 130	6	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	79		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: MB 880-98404/1-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98404

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	93		70 - 130	12/19/24 21:32	12/20/24 09:12	1			
o-Terphenyl	96		70 - 130	12/19/24 21:32	12/20/24 09:12	1			

Lab Sample ID: LCS 880-98404/2-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1398	*+	mg/Kg		140	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1468	*+	mg/Kg		147	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	158	S1+	70 - 130
o-Terphenyl	172	S1+	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-98404/3-A
Matrix: Solid
Analysis Batch: 98430

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98404

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1465	*+	mg/Kg		147	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	1590	*+	mg/Kg		159	70 - 130	8	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	166	S1+	70 - 130						
o-Terphenyl	175	S1+	70 - 130						

Lab Sample ID: 890-7492-23 MS
Matrix: Solid
Analysis Batch: 98430

Client Sample ID: SS 420
Prep Type: Total/NA
Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	781.1		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	867.3		mg/Kg		84	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Lab Sample ID: 890-7492-23 MSD
Matrix: Solid
Analysis Batch: 98430

Client Sample ID: SS 420
Prep Type: Total/NA
Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	804.1		mg/Kg		80	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	863.1		mg/Kg		84	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-98374/1-A
Matrix: Solid
Analysis Batch: 98376

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 08:34	1

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-98374/2-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.6		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-98374/3-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	245.0		mg/Kg		98	90 - 110	2	20

Lab Sample ID: 890-7492-2 MS

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1300	F1	1250	3073	F1	mg/Kg		142	90 - 110

Lab Sample ID: 890-7492-2 MSD

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1300	F1	1250	3070	F1	mg/Kg		142	90 - 110	0	20

Lab Sample ID: MB 880-98373/1-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 03:00	1

Lab Sample ID: LCS 880-98373/2-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	258.6		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-98373/3-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	257.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-7492-20 MS

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: SS 477

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	126		257	387.5		mg/Kg		102	90 - 110

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-7492-20 MSD							Client Sample ID: SS 477					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 98377												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	126		248	372.8		mg/Kg		100	90 - 110	4	20	

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA

Analysis Batch: 98350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-2	SS 20	Total/NA	Solid	8021B	98432
890-7492-3	SS 64	Total/NA	Solid	8021B	98432
890-7492-4	SS 80	Total/NA	Solid	8021B	98432
890-7492-5	SS 262	Total/NA	Solid	8021B	98432
890-7492-6	SS 320	Total/NA	Solid	8021B	98432
MB 880-98432/5-A	Method Blank	Total/NA	Solid	8021B	98432
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	8021B	98432
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98432

Analysis Batch: 98351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	8021B	98433
890-7492-8	SS 46	Total/NA	Solid	8021B	98433
890-7492-9	SS 107	Total/NA	Solid	8021B	98433
890-7492-10	SS 290	Total/NA	Solid	8021B	98433
890-7492-11	SS 339	Total/NA	Solid	8021B	98433
890-7492-12	SS 495	Total/NA	Solid	8021B	98433
MB 880-98433/5-A	Method Blank	Total/NA	Solid	8021B	98433
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	8021B	98433
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98433

Analysis Batch: 98352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	8021B	98434
890-7492-20	SS 477	Total/NA	Solid	8021B	98434
890-7492-21	SS 176	Total/NA	Solid	8021B	98434
890-7492-22	SS 138	Total/NA	Solid	8021B	98434
890-7492-23	SS 420	Total/NA	Solid	8021B	98434
MB 880-98434/5-A	Method Blank	Total/NA	Solid	8021B	98434
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	8021B	98434
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98434

Analysis Batch: 98353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8021B	98435
890-7492-14	SS 154	Total/NA	Solid	8021B	98435
890-7492-15	SS 504	Total/NA	Solid	8021B	98435
890-7492-16	SS 398	Total/NA	Solid	8021B	98435
890-7492-17	SS 183	Total/NA	Solid	8021B	98435
890-7492-18	SS 200	Total/NA	Solid	8021B	98435
MB 880-98435/5-A	Method Blank	Total/NA	Solid	8021B	98435
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	8021B	98435
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98435

Prep Batch: 98432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	5035	
890-7492-2	SS 20	Total/NA	Solid	5035	
890-7492-3	SS 64	Total/NA	Solid	5035	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Prep Batch: 98432 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-4	SS 80	Total/NA	Solid	5035	
890-7492-5	SS 262	Total/NA	Solid	5035	
890-7492-6	SS 320	Total/NA	Solid	5035	
MB 880-98432/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	5035	
890-7492-8	SS 46	Total/NA	Solid	5035	
890-7492-9	SS 107	Total/NA	Solid	5035	
890-7492-10	SS 290	Total/NA	Solid	5035	
890-7492-11	SS 339	Total/NA	Solid	5035	
890-7492-12	SS 495	Total/NA	Solid	5035	
MB 880-98433/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	5035	
890-7492-20	SS 477	Total/NA	Solid	5035	
890-7492-21	SS 176	Total/NA	Solid	5035	
890-7492-22	SS 138	Total/NA	Solid	5035	
890-7492-23	SS 420	Total/NA	Solid	5035	
MB 880-98434/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	5035	
890-7492-14	SS 154	Total/NA	Solid	5035	
890-7492-15	SS 504	Total/NA	Solid	5035	
890-7492-16	SS 398	Total/NA	Solid	5035	
890-7492-17	SS 183	Total/NA	Solid	5035	
890-7492-18	SS 200	Total/NA	Solid	5035	
MB 880-98435/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 98498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	Total BTEX	
890-7492-2	SS 20	Total/NA	Solid	Total BTEX	
890-7492-3	SS 64	Total/NA	Solid	Total BTEX	
890-7492-4	SS 80	Total/NA	Solid	Total BTEX	
890-7492-5	SS 262	Total/NA	Solid	Total BTEX	
890-7492-6	SS 320	Total/NA	Solid	Total BTEX	
890-7492-7	SS 488	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Analysis Batch: 98498 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-8	SS 46	Total/NA	Solid	Total BTEX	
890-7492-9	SS 107	Total/NA	Solid	Total BTEX	
890-7492-10	SS 290	Total/NA	Solid	Total BTEX	
890-7492-11	SS 339	Total/NA	Solid	Total BTEX	
890-7492-12	SS 495	Total/NA	Solid	Total BTEX	
890-7492-13	SS 129	Total/NA	Solid	Total BTEX	
890-7492-14	SS 154	Total/NA	Solid	Total BTEX	
890-7492-15	SS 504	Total/NA	Solid	Total BTEX	
890-7492-16	SS 398	Total/NA	Solid	Total BTEX	
890-7492-17	SS 183	Total/NA	Solid	Total BTEX	
890-7492-18	SS 200	Total/NA	Solid	Total BTEX	
890-7492-19	SS 435	Total/NA	Solid	Total BTEX	
890-7492-20	SS 477	Total/NA	Solid	Total BTEX	
890-7492-21	SS 176	Total/NA	Solid	Total BTEX	
890-7492-22	SS 138	Total/NA	Solid	Total BTEX	
890-7492-23	SS 420	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 98401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015NM Prep	
890-7492-2	SS 20	Total/NA	Solid	8015NM Prep	
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 98402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-4	SS 80	Total/NA	Solid	8015NM Prep	
890-7492-5	SS 262	Total/NA	Solid	8015NM Prep	
890-7492-6	SS 320	Total/NA	Solid	8015NM Prep	
890-7492-7	SS 488	Total/NA	Solid	8015NM Prep	
890-7492-8	SS 46	Total/NA	Solid	8015NM Prep	
890-7492-9	SS 107	Total/NA	Solid	8015NM Prep	
890-7492-10	SS 290	Total/NA	Solid	8015NM Prep	
890-7492-11	SS 339	Total/NA	Solid	8015NM Prep	
890-7492-12	SS 495	Total/NA	Solid	8015NM Prep	
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-3 MS	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-3 MSD	SS 64	Total/NA	Solid	8015NM Prep	

Prep Batch: 98403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-14	SS 154	Total/NA	Solid	8015NM Prep	
890-7492-15	SS 504	Total/NA	Solid	8015NM Prep	
890-7492-16	SS 398	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Prep Batch: 98403 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-17	SS 183	Total/NA	Solid	8015NM Prep	
890-7492-18	SS 200	Total/NA	Solid	8015NM Prep	
890-7492-19	SS 435	Total/NA	Solid	8015NM Prep	
890-7492-20	SS 477	Total/NA	Solid	8015NM Prep	
890-7492-21	SS 176	Total/NA	Solid	8015NM Prep	
890-7492-22	SS 138	Total/NA	Solid	8015NM Prep	
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-13 MS	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-13 MSD	SS 129	Total/NA	Solid	8015NM Prep	

Prep Batch: 98404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015NM Prep	
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-23 MS	SS 420	Total/NA	Solid	8015NM Prep	
890-7492-23 MSD	SS 420	Total/NA	Solid	8015NM Prep	

Analysis Batch: 98423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015B NM	98401
890-7492-2	SS 20	Total/NA	Solid	8015B NM	98401
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015B NM	98401
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98401
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98401

Analysis Batch: 98425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-4	SS 80	Total/NA	Solid	8015B NM	98402
890-7492-5	SS 262	Total/NA	Solid	8015B NM	98402
890-7492-6	SS 320	Total/NA	Solid	8015B NM	98402
890-7492-7	SS 488	Total/NA	Solid	8015B NM	98402
890-7492-8	SS 46	Total/NA	Solid	8015B NM	98402
890-7492-9	SS 107	Total/NA	Solid	8015B NM	98402
890-7492-10	SS 290	Total/NA	Solid	8015B NM	98402
890-7492-11	SS 339	Total/NA	Solid	8015B NM	98402
890-7492-12	SS 495	Total/NA	Solid	8015B NM	98402
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015B NM	98402
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98402
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98402
890-7492-3 MS	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-3 MSD	SS 64	Total/NA	Solid	8015B NM	98402

Analysis Batch: 98427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-14	SS 154	Total/NA	Solid	8015B NM	98403

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Analysis Batch: 98427 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-15	SS 504	Total/NA	Solid	8015B NM	98403
890-7492-16	SS 398	Total/NA	Solid	8015B NM	98403
890-7492-17	SS 183	Total/NA	Solid	8015B NM	98403
890-7492-18	SS 200	Total/NA	Solid	8015B NM	98403
890-7492-19	SS 435	Total/NA	Solid	8015B NM	98403
890-7492-20	SS 477	Total/NA	Solid	8015B NM	98403
890-7492-21	SS 176	Total/NA	Solid	8015B NM	98403
890-7492-22	SS 138	Total/NA	Solid	8015B NM	98403
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015B NM	98403
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98403
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98403
890-7492-13 MS	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-13 MSD	SS 129	Total/NA	Solid	8015B NM	98403

Analysis Batch: 98430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015B NM	98404
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015B NM	98404
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98404
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98404
890-7492-23 MS	SS 420	Total/NA	Solid	8015B NM	98404
890-7492-23 MSD	SS 420	Total/NA	Solid	8015B NM	98404

Analysis Batch: 98523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015 NM	
890-7492-2	SS 20	Total/NA	Solid	8015 NM	
890-7492-3	SS 64	Total/NA	Solid	8015 NM	
890-7492-4	SS 80	Total/NA	Solid	8015 NM	
890-7492-5	SS 262	Total/NA	Solid	8015 NM	
890-7492-6	SS 320	Total/NA	Solid	8015 NM	
890-7492-7	SS 488	Total/NA	Solid	8015 NM	
890-7492-8	SS 46	Total/NA	Solid	8015 NM	
890-7492-9	SS 107	Total/NA	Solid	8015 NM	
890-7492-10	SS 290	Total/NA	Solid	8015 NM	
890-7492-11	SS 339	Total/NA	Solid	8015 NM	
890-7492-12	SS 495	Total/NA	Solid	8015 NM	
890-7492-13	SS 129	Total/NA	Solid	8015 NM	
890-7492-14	SS 154	Total/NA	Solid	8015 NM	
890-7492-15	SS 504	Total/NA	Solid	8015 NM	
890-7492-16	SS 398	Total/NA	Solid	8015 NM	
890-7492-17	SS 183	Total/NA	Solid	8015 NM	
890-7492-18	SS 200	Total/NA	Solid	8015 NM	
890-7492-19	SS 435	Total/NA	Solid	8015 NM	
890-7492-20	SS 477	Total/NA	Solid	8015 NM	
890-7492-21	SS 176	Total/NA	Solid	8015 NM	
890-7492-22	SS 138	Total/NA	Solid	8015 NM	
890-7492-23	SS 420	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC

Leach Batch: 98373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	DI Leach	
890-7492-13	SS 129	Soluble	Solid	DI Leach	
890-7492-14	SS 154	Soluble	Solid	DI Leach	
890-7492-15	SS 504	Soluble	Solid	DI Leach	
890-7492-16	SS 398	Soluble	Solid	DI Leach	
890-7492-17	SS 183	Soluble	Solid	DI Leach	
890-7492-18	SS 200	Soluble	Solid	DI Leach	
890-7492-19	SS 435	Soluble	Solid	DI Leach	
890-7492-20	SS 477	Soluble	Solid	DI Leach	
890-7492-21	SS 176	Soluble	Solid	DI Leach	
890-7492-22	SS 138	Soluble	Solid	DI Leach	
890-7492-23	SS 420	Soluble	Solid	DI Leach	
MB 880-98373/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-20 MS	SS 477	Soluble	Solid	DI Leach	
890-7492-20 MSD	SS 477	Soluble	Solid	DI Leach	

Leach Batch: 98374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	DI Leach	
890-7492-2	SS 20	Soluble	Solid	DI Leach	
890-7492-3	SS 64	Soluble	Solid	DI Leach	
890-7492-4	SS 80	Soluble	Solid	DI Leach	
890-7492-5	SS 262	Soluble	Solid	DI Leach	
890-7492-6	SS 320	Soluble	Solid	DI Leach	
890-7492-7	SS 488	Soluble	Solid	DI Leach	
890-7492-8	SS 46	Soluble	Solid	DI Leach	
890-7492-9	SS 107	Soluble	Solid	DI Leach	
890-7492-10	SS 290	Soluble	Solid	DI Leach	
890-7492-11	SS 339	Soluble	Solid	DI Leach	
MB 880-98374/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-2 MS	SS 20	Soluble	Solid	DI Leach	
890-7492-2 MSD	SS 20	Soluble	Solid	DI Leach	

Analysis Batch: 98376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	300.0	98374
890-7492-2	SS 20	Soluble	Solid	300.0	98374
890-7492-3	SS 64	Soluble	Solid	300.0	98374
890-7492-4	SS 80	Soluble	Solid	300.0	98374
890-7492-5	SS 262	Soluble	Solid	300.0	98374
890-7492-6	SS 320	Soluble	Solid	300.0	98374
890-7492-7	SS 488	Soluble	Solid	300.0	98374
890-7492-8	SS 46	Soluble	Solid	300.0	98374
890-7492-9	SS 107	Soluble	Solid	300.0	98374
890-7492-10	SS 290	Soluble	Solid	300.0	98374
890-7492-11	SS 339	Soluble	Solid	300.0	98374
MB 880-98374/1-A	Method Blank	Soluble	Solid	300.0	98374

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC (Continued)

Analysis Batch: 98376 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	300.0	98374
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98374
890-7492-2 MS	SS 20	Soluble	Solid	300.0	98374
890-7492-2 MSD	SS 20	Soluble	Solid	300.0	98374

Analysis Batch: 98377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	300.0	98373
890-7492-13	SS 129	Soluble	Solid	300.0	98373
890-7492-14	SS 154	Soluble	Solid	300.0	98373
890-7492-15	SS 504	Soluble	Solid	300.0	98373
890-7492-16	SS 398	Soluble	Solid	300.0	98373
890-7492-17	SS 183	Soluble	Solid	300.0	98373
890-7492-18	SS 200	Soluble	Solid	300.0	98373
890-7492-19	SS 435	Soluble	Solid	300.0	98373
890-7492-20	SS 477	Soluble	Solid	300.0	98373
890-7492-21	SS 176	Soluble	Solid	300.0	98373
890-7492-22	SS 138	Soluble	Solid	300.0	98373
890-7492-23	SS 420	Soluble	Solid	300.0	98373
MB 880-98373/1-A	Method Blank	Soluble	Solid	300.0	98373
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	300.0	98373
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98373
890-7492-20 MS	SS 477	Soluble	Solid	300.0	98373
890-7492-20 MSD	SS 477	Soluble	Solid	300.0	98373

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01

Date Collected: 12/19/24 08:20

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 11:51
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		5	98350	MNR	EET MID	12/20/24 13:55
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:55
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		20	98376	CH	EET MID	12/20/24 10:49

Client Sample ID: SS 20

Date Collected: 12/19/24 08:36

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:15
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:15
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 10:58

Client Sample ID: SS 64

Date Collected: 12/19/24 08:47

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 12:33
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:33
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 09:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 09:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:54

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80**Lab Sample ID: 890-7492-4****Date Collected: 12/19/24 08:53****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:36
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:36
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:24
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:24
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:30

Client Sample ID: SS 262**Lab Sample ID: 890-7492-5****Date Collected: 12/19/24 08:59****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		50	98350	MNR	EET MID	12/20/24 13:14
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:14
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:38
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:38
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:48

Client Sample ID: SS 320**Lab Sample ID: 890-7492-6****Date Collected: 12/19/24 09:04****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		25	98350	MNR	EET MID	12/20/24 13:34
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:34
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:53
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:53
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:59

Client Sample ID: SS 488**Lab Sample ID: 890-7492-7****Date Collected: 12/19/24 09:12****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		100	98351	MNR	EET MID	12/20/24 12:24
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:24

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488**Lab Sample ID: 890-7492-7****Date Collected: 12/19/24 09:12****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:08
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:08
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:06

Client Sample ID: SS 46**Lab Sample ID: 890-7492-8****Date Collected: 12/19/24 10:15****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 12:45
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:45
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:25
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:25
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:11

Client Sample ID: SS 107**Lab Sample ID: 890-7492-9****Date Collected: 12/19/24 10:22****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:05
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:05
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:17

Client Sample ID: SS 290**Lab Sample ID: 890-7492-10****Date Collected: 12/19/24 10:30****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:25
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:25
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:54
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:54

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 290**Lab Sample ID: 890-7492-10****Date Collected: 12/19/24 10:30****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:23

Client Sample ID: SS 339**Lab Sample ID: 890-7492-11****Date Collected: 12/19/24 10:37****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:46
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:46
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:29

Client Sample ID: SS 495**Lab Sample ID: 890-7492-12****Date Collected: 12/19/24 10:44****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 14:06
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:06
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:36

Client Sample ID: SS 129**Lab Sample ID: 890-7492-13****Date Collected: 12/19/24 11:07****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 11:49
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 11:49
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:43

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Date Collected: 12/19/24 11:19

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:10
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:10
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:00
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:00
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:50

Client Sample ID: SS 504

Date Collected: 12/19/24 11:40

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		10	98353	MNR	EET MID	12/20/24 13:32
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:32
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:15
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:15
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:12

Client Sample ID: SS 398

Date Collected: 12/19/24 11:27

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:30
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:30
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:31
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:31
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:19

Client Sample ID: SS 183

Date Collected: 12/19/24 11:44

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:51
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:51

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183
Date Collected: 12/19/24 11:44
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:47
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:47
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:26

Client Sample ID: SS 200
Date Collected: 12/19/24 11:49
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 13:11
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:11
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:03
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:03
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:33

Client Sample ID: SS 435
Date Collected: 12/19/24 11:53
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:07
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:07
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:20
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:20
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:40

Client Sample ID: SS 477
Date Collected: 12/19/24 12:02
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:27
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:27
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:36
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:36

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 477

Date Collected: 12/19/24 12:02

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:48

Client Sample ID: SS 176

Date Collected: 12/19/24 12:07

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-21

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		10	98352	MNR	EET MID	12/20/24 13:28
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:28
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:52
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:52
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:09

Client Sample ID: SS 138

Date Collected: 12/19/24 12:17

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-22

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:48
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:48
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 14:07
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 14:07
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 10:16

Client Sample ID: SS 420

Date Collected: 12/19/24 12:22

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-23

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 13:08
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:08
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98404	EL	EET MID	12/19/24 21:32
Total/NA	Analysis	8015B NM		1	98430	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:38

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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Method Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7492-1	SS 01	Solid	12/19/24 08:20	12/19/24 15:45	- SURFACE
890-7492-2	SS 20	Solid	12/19/24 08:36	12/19/24 15:45	- SURFACE
890-7492-3	SS 64	Solid	12/19/24 08:47	12/19/24 15:45	- SURFACE
890-7492-4	SS 80	Solid	12/19/24 08:53	12/19/24 15:45	- SURFACE
890-7492-5	SS 262	Solid	12/19/24 08:59	12/19/24 15:45	- SURFACE
890-7492-6	SS 320	Solid	12/19/24 09:04	12/19/24 15:45	- SURFACE
890-7492-7	SS 488	Solid	12/19/24 09:12	12/19/24 15:45	- SURFACE
890-7492-8	SS 46	Solid	12/19/24 10:15	12/19/24 15:45	- SURFACE
890-7492-9	SS 107	Solid	12/19/24 10:22	12/19/24 15:45	- SURFACE
890-7492-10	SS 290	Solid	12/19/24 10:30	12/19/24 15:45	- SURFACE
890-7492-11	SS 339	Solid	12/19/24 10:37	12/19/24 15:45	- SURFACE
890-7492-12	SS 495	Solid	12/19/24 10:44	12/19/24 15:45	- SURFACE
890-7492-13	SS 129	Solid	12/19/24 11:07	12/19/24 15:45	- SURFACE
890-7492-14	SS 154	Solid	12/19/24 11:19	12/19/24 15:45	- SURFACE
890-7492-15	SS 504	Solid	12/19/24 11:40	12/19/24 15:45	- SURFACE
890-7492-16	SS 398	Solid	12/19/24 11:27	12/19/24 15:45	- SURFACE
890-7492-17	SS 183	Solid	12/19/24 11:44	12/19/24 15:45	- SURFACE
890-7492-18	SS 200	Solid	12/19/24 11:49	12/19/24 15:45	- SURFACE
890-7492-19	SS 435	Solid	12/19/24 11:53	12/19/24 15:45	- SURFACE
890-7492-20	SS 477	Solid	12/19/24 12:02	12/19/24 15:45	- SURFACE
890-7492-21	SS 176	Solid	12/19/24 12:07	12/19/24 15:45	- SURFACE
890-7492-22	SS 138	Solid	12/19/24 12:17	12/19/24 15:45	- SURFACE
890-7492-23	SS 420	Solid	12/19/24 12:22	12/19/24 15:45	- SURFACE



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 1 of 3

Project Manager: Michael Wicker
Company Name: Cotto
Address:
City, State ZIP:
Phone: 616-970-8459
Email: mwicker@cottoconsult.com

Bill to: (if different)
Company Name:
Address:
City, State ZIP:
Email:
Turn Around
☐ Routine ☒ Rush
Due Date: 12-20-2024
TAT starts the day received by the lab, if received by 4:30pm

Work Order Comments
Program: ☐ PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADAPT ☐ Other:

Project Name: Close Encounter 30114
Project Number:
Project Location: Buckeye, NM
Sampler's Name: Dakotah Cueto
PO #:
SAMPLE RECEIPT
Samples Received Intact: Yes ☒ No ☐ Thermometer ID: Tanner
Cooler Custody Seals: Yes ☒ No ☐ Correction Factor: -0.2
Sample Custody Seals: Yes ☒ No ☐ Temperature Reading: 5.8
Total Containers: 5.0
Corrected Temperature:
Preservative Codes
None: NO DI Water: H₂O
Cool: Cool MeOH: Me
HCL: HC HNO₃
H₂SO₄: H₂ NaOH: Na
H₃PO₄: HP
NaHSO₄: NABIS
Na₂S₂O₃: NaSO₃
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification		Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters	Free Code	ANALYSIS REQUEST	Preservative Codes	Sample Comments
SS01		S	12-19-24	08:20	Surf	C	1					
SS20		S		08:36		C	1					
SS64		S		08:47		C	1					
SS80		S		08:53		C	1					
SS262		S		08:59		C	1					
SS320		S		09:04		C	1					
SS488		S		09:12		C	1					
SS46		S		10:15		C	1					
SS107		S		10:22		C	1					
SS290		S		10:30		C	1					

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature) <u>Dakotah Cueto</u>	Received by: (Signature) <u>[Signature]</u>	Date/Time <u>12/19 1545</u>	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 505-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 2 of 3

Project Manager: Michael Wicker		Bill to: (if different)		Work Order Comments		
Company Name: CETO		Company Name:		Program: ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐		
Address:		Address:		State of Project:		
City, State ZIP:		City, State ZIP:		Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐		
Phone:		Email: mwicker@cetoconsult.com		Deliverables: EDD ☐ ADAPT ☐ Other:		
Project Name: Close Encounters Golf		Turn Around		ANALYSIS REQUEST		
Project Number:		☐ Routine ☒ Rush		Preservative Codes		
Project Location: Buellville, NM		Due Date: 12-20-2024		None: NO DI Water: H ₂ O		
Sampler's Name: Dakotaiah Cweto		TAT starts the day received by the lab, if received by 4:30pm		Cool: Cool MeOH: Me		
PO #:				HCL: HC HNO ₃		
SAMPLE RECEIPT		Temp Blank: Yes No		H ₂ SO ₄ : H ₂ NaOH: Na		
Samples Received Intact: Yes No		Thermometer ID:		H ₃ PO ₄ : HP		
Cooler Custody Seals: Yes No N/A		Correction Factor:		NaHSO ₄ : NABIS		
Sample Custody Seals: Yes No N/A		Temperature Reading:		Na ₂ S ₂ O ₃ : NaSO ₃		
Total Containers:		Corrected Temperature:		Zn Acetate+NaOH: Zn		
				NaOH+Ascorbic Acid: SAPC		
Sample Identification		Date Sampled		Time Sampled		
Matrix		Depth		# of Cont		
Grab/Comp		Time		Sample Comments		
SS339		12/19/2024		10:37		C 1
SS495		10:44		C 1		
SS129		11:07		C 1		
SS154		11:19		C 1		
SS504		11:40		C 1		
SS398		11:27		C 1		
SS183		11:34		C 1		
SS200		11:49		C 1		
SS435		11:53		C 1		
SS477		12:02		C 1		
Total 200.7 / 6010 200.8 / 6020:		8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn				
Circle Method(s) and Meta(s) to be analyzed		TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U		Hg: 1631 / 245.1 / 7470 / 7471		
Notes: Signature of this document and relinquishment of sample constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.						
Relinquished by: (Signature)		Received by: (Signature)		Date/Time		
1 Dakotaiah Cweto		2				
3		4				
5		6				

Revised Date: 08/25/2020 Rev. 2020.2

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3499
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 3 of 3

[illegible]

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Source: Eurofins Midland

List Number: 2

List Creation: 12/19/24 09:21 PM

Creator: Laing, Edmundo

Question	Answer	Comment
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time (excluding tests with immediate HTs)		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").		



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Michael Wicker
CDH Consulting
9446 Clermont St,
Thornton, Colorado 80229
Generated 12/20/2024 3:02:55 PM

JOB DESCRIPTION

CLOSE ENCOUNTER 301 H
BUCKEYE

JOB NUMBER

890-7492-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

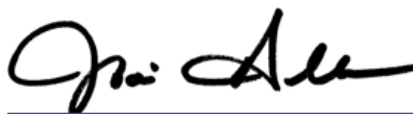
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Laboratory Job ID: 890-7492-1
SDG: BUCKEYE

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Definitions/Glossary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

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Job Narrative 890-7492-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 12/19/2024 3:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 64 (890-7492-3), SS 80 (890-7492-4), SS 262 (890-7492-5), SS 320 (890-7492-6), SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11), SS 495 (890-7492-12), SS 129 (890-7492-13), SS 154 (890-7492-14), SS 504 (890-7492-15), SS 398 (890-7492-16), SS 183 (890-7492-17), SS 200 (890-7492-18), SS 435 (890-7492-19), SS 477 (890-7492-20), SS 176 (890-7492-21), SS 138 (890-7492-22) and SS 420 (890-7492-23).

GC VOA

Method 8021B: The following samples were diluted due to physical characteristics such as color, odor, appearance, viscosity, etc. >>: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 80 (890-7492-4), SS 262 (890-7492-5) and SS 320 (890-7492-6). Elevated reporting limits (RL) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 01 (890-7492-1), SS 20 (890-7492-2) and SS 64 (890-7492-3). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 398 (890-7492-16) and SS 200 (890-7492-18). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SS 176 (890-7492-21). Evidence of matrix interferences is not obvious.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11) and SS 495 (890-7492-12). Elevated reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 46 (890-7492-8), SS 290 (890-7492-10) and SS 495 (890-7492-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: SS 504 (890-7492-15). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-98402/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98402 and analytical batch 880-98425 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within

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Case Narrative

Client: CDH Consulting
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Job ID: 890-7492-1

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acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SS 262 (890-7492-5). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Due to the high concentration of Diesel Range Organics (Over C10-C28), the matrix spike (MS) for preparation batch 880-98403 and analytical batch 880-98427 could not be evaluated for accuracy. The associated matrix spike duplicate (MSD) met acceptance criteria.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SS 477 (890-7492-20), (LCS 880-98403/2-A) and (LCSD 880-98403/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The method blank for preparation batch 880-98404 and analytical batch 880-98430 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-98404/2-A) and (LCSD 880-98404/3-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-98404 and analytical batch 880-98430 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The laboratory control sample (LCS) for preparation batch 880-98403 and analytical batch 880-98427 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10. Since only an acceptable LCSD is required per the method, the LCSD shows recovery for the batch and the data has been qualified and reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98374 and analytical batch 880-98376 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01

Lab Sample ID: 890-7492-1

Date Collected: 12/19/24 08:20

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0101	U	0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Ethylbenzene	0.0947		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Toluene	0.0306		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Xylenes, Total	1.81		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
m-Xylene & p-Xylene	0.0449		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
o-Xylene	1.77		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:24	12/20/24 11:51	20
1,4-Difluorobenzene (Surr)	124		70 - 130				12/20/24 08:24	12/20/24 11:51	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.94		0.0202		mg/Kg			12/20/24 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	287		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	287		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				12/19/24 21:26	12/20/24 12:09	1
o-Terphenyl	86		70 - 130				12/19/24 21:26	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17600		199		mg/Kg			12/20/24 10:49	20

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Ethylbenzene	0.0420		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Toluene	0.0216		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Xylenes, Total	0.350		0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
m-Xylene & p-Xylene	<0.0401	U	0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
o-Xylene	0.350		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				12/20/24 08:24	12/20/24 14:15	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	136	S1+	70 - 130	12/20/24 08:24	12/20/24 14:15	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.414		0.0401		mg/Kg			12/20/24 14:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	110		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	110		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				12/19/24 21:26	12/20/24 12:23	1
o-Terphenyl	77		70 - 130				12/19/24 21:26	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300	F1	49.9		mg/Kg			12/20/24 10:58	5

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Ethylbenzene	0.242		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Toluene	0.0581		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Xylenes, Total	0.781		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
m-Xylene & p-Xylene	0.189		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
o-Xylene	0.592		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20
1,4-Difluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.08		0.0795		mg/Kg			12/20/24 12:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	631		50.0		mg/Kg			12/20/24 09:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Diesel Range Organics (Over C10-C28)	631	F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 09:40	1
o-Terphenyl	78		70 - 130				12/19/24 21:28	12/20/24 09:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3110		50.2		mg/Kg			12/20/24 11:54	5

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Ethylbenzene	0.0344		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Toluene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Xylenes, Total	0.680		0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
m-Xylene & p-Xylene	<0.0399	U	0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
o-Xylene	0.680		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				12/20/24 08:24	12/20/24 14:36	10
1,4-Difluorobenzene (Surr)	106		70 - 130				12/20/24 08:24	12/20/24 14:36	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.714		0.0399		mg/Kg			12/20/24 14:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	188		50.0		mg/Kg			12/20/24 10:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Diesel Range Organics (Over C10-C28)	188		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				12/19/24 21:28	12/20/24 10:24	1
o-Terphenyl	74		70 - 130				12/19/24 21:28	12/20/24 10:24	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3070		100		mg/Kg			12/20/24 11:30	10

Client Sample ID: SS 262

Lab Sample ID: 890-7492-5

Date Collected: 12/19/24 08:59

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Ethylbenzene	0.966		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Toluene	0.415		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Xylenes, Total	1.51		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
m-Xylene & p-Xylene	0.756		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
o-Xylene	0.754		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				12/20/24 08:24	12/20/24 13:14	50
1,4-Difluorobenzene (Surr)	122		70 - 130				12/20/24 08:24	12/20/24 13:14	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.89		0.202		mg/Kg			12/20/24 13:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	463		50.0		mg/Kg			12/20/24 10:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Diesel Range Organics (Over C10-C28)	463		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				12/19/24 21:28	12/20/24 10:38	1
o-Terphenyl	69	S1-	70 - 130				12/19/24 21:28	12/20/24 10:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4470		99.4		mg/Kg			12/20/24 11:48	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 320

Lab Sample ID: 890-7492-6

Date Collected: 12/19/24 09:04

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0503	U	0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Ethylbenzene	0.537		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Toluene	0.125		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Xylenes, Total	1.20		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
m-Xylene & p-Xylene	0.454		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
o-Xylene	0.746		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				12/20/24 08:24	12/20/24 13:34	25
1,4-Difluorobenzene (Surr)	126		70 - 130				12/20/24 08:24	12/20/24 13:34	25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.86		0.101		mg/Kg			12/20/24 13:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	876		49.7		mg/Kg			12/20/24 10:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Diesel Range Organics (Over C10-C28)	876		49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				12/19/24 21:28	12/20/24 10:53	1
o-Terphenyl	75		70 - 130				12/19/24 21:28	12/20/24 10:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3410		49.8		mg/Kg			12/20/24 11:59	5

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.199	U	0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Ethylbenzene	1.92		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Toluene	0.602		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Xylenes, Total	3.04		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
m-Xylene & p-Xylene	1.78		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
o-Xylene	1.26		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				12/20/24 08:27	12/20/24 12:24	100

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	100		70 - 130	12/20/24 08:27	12/20/24 12:24	100

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	5.56		0.398		mg/Kg			12/20/24 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2500		49.8		mg/Kg			12/20/24 11:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.7		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Diesel Range Organics (Over C10-C28)	2410		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:08	1
o-Terphenyl	95		70 - 130				12/19/24 21:28	12/20/24 11:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3680		49.6		mg/Kg			12/20/24 12:06	5

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.11		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Ethylbenzene	9.28		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Toluene	7.96		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Xylenes, Total	10.9		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
m-Xylene & p-Xylene	6.88		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
o-Xylene	4.05		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130	12/20/24 08:27	12/20/24 12:45	50
1,4-Difluorobenzene (Surr)	94		70 - 130	12/20/24 08:27	12/20/24 12:45	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	29.3		0.200		mg/Kg			12/20/24 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1330		49.9		mg/Kg			12/20/24 11:25	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	95.0		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Diesel Range Organics (Over C10-C28)	1230		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:25	1
o-Terphenyl	81		70 - 130				12/19/24 21:28	12/20/24 11:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5420		101		mg/Kg			12/20/24 12:11	10

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Ethylbenzene	1.52		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Toluene	0.807		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Xylenes, Total	4.70		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
m-Xylene & p-Xylene	3.88		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
o-Xylene	0.815		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				12/20/24 08:27	12/20/24 13:05	50
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:27	12/20/24 13:05	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	7.02		0.202		mg/Kg			12/20/24 13:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	60.0		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Diesel Range Organics (Over C10-C28)	1450		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:40	1
o-Terphenyl	86		70 - 130				12/19/24 21:28	12/20/24 11:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5250		99.4		mg/Kg			12/20/24 12:17	10

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.151		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Ethylbenzene	3.30		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Toluene	1.75		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Xylenes, Total	4.33		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
m-Xylene & p-Xylene	2.60		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
o-Xylene	1.73		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:27	12/20/24 13:25	50
1,4-Difluorobenzene (Surr)	100		70 - 130				12/20/24 08:27	12/20/24 13:25	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	9.53		0.201		mg/Kg			12/20/24 13:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2470		49.8		mg/Kg			12/20/24 11:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	129		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Diesel Range Organics (Over C10-C28)	2340		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				12/19/24 21:28	12/20/24 11:54	1
o-Terphenyl	105		70 - 130				12/19/24 21:28	12/20/24 11:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5400		99.8		mg/Kg			12/20/24 12:23	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.106		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Ethylbenzene	3.81		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Toluene	1.12		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Xylenes, Total	5.28		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
m-Xylene & p-Xylene	3.48		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
o-Xylene	1.80		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				12/20/24 08:27	12/20/24 13:46	50
1,4-Difluorobenzene (Surr)	99		70 - 130				12/20/24 08:27	12/20/24 13:46	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	10.3		0.200		mg/Kg			12/20/24 13:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3950		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	154		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	3800		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:28	12/20/24 12:09	1
o-Terphenyl	121		70 - 130				12/19/24 21:28	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4280		49.9		mg/Kg			12/20/24 12:29	5

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0994	U	0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Ethylbenzene	5.40		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Toluene	1.34		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Xylenes, Total	7.57		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
m-Xylene & p-Xylene	4.90		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
o-Xylene	2.67		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130				12/20/24 08:27	12/20/24 14:06	50

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	12/20/24 08:27	12/20/24 14:06	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	14.3		0.199		mg/Kg			12/20/24 14:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3070		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	177		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	2890		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:28	12/20/24 12:23	1
o-Terphenyl	108		70 - 130				12/19/24 21:28	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3660		49.6		mg/Kg			12/20/24 08:36	5

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Ethylbenzene	0.0238		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Toluene	0.00837		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Xylenes, Total	0.0306		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
m-Xylene & p-Xylene	0.0204		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
o-Xylene	0.0102		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	12/20/24 08:33	12/20/24 11:49	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/20/24 08:33	12/20/24 11:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0628		0.00404		mg/Kg			12/20/24 11:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	538		49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Diesel Range Organics (Over C10-C28)	538	F1	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 11:11	1
o-Terphenyl	79		70 - 130				12/19/24 21:30	12/20/24 11:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3350		50.0		mg/Kg			12/20/24 08:43	5

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Ethylbenzene	0.0475		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Toluene	0.0124		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Xylenes, Total	0.0632		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
m-Xylene & p-Xylene	0.0373		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
o-Xylene	0.0259		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				12/20/24 08:33	12/20/24 12:10	1
1,4-Difluorobenzene (Surr)	93		70 - 130				12/20/24 08:33	12/20/24 12:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.123		0.00401		mg/Kg			12/20/24 12:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2710		49.8		mg/Kg			12/20/24 12:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Diesel Range Organics (Over C10-C28)	2710		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 12:00	1
o-Terphenyl	120		70 - 130				12/19/24 21:30	12/20/24 12:00	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1710		50.3		mg/Kg			12/20/24 08:50	5

Client Sample ID: SS 504

Lab Sample ID: 890-7492-15

Date Collected: 12/19/24 11:40

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Ethylbenzene	0.563		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Toluene	0.173		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Xylenes, Total	0.464		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
m-Xylene & p-Xylene	0.290		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
o-Xylene	0.174		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				12/20/24 08:33	12/20/24 13:32	10
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:33	12/20/24 13:32	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.20		0.0398		mg/Kg			12/20/24 13:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 12:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Diesel Range Organics (Over C10-C28)	1510		50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				12/19/24 21:30	12/20/24 12:15	1
o-Terphenyl	97		70 - 130				12/19/24 21:30	12/20/24 12:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2990		50.0		mg/Kg			12/20/24 09:12	5

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 398

Lab Sample ID: 890-7492-16

Date Collected: 12/19/24 11:27

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0262		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Ethylbenzene	0.199		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Toluene	0.168		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Xylenes, Total	0.269		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
m-Xylene & p-Xylene	0.158		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
o-Xylene	0.111		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	12/20/24 08:33	12/20/24 12:30	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:33	12/20/24 12:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.662		0.00399		mg/Kg			12/20/24 12:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3130		49.9		mg/Kg			12/20/24 12:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.1	*+	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Diesel Range Organics (Over C10-C28)	3040		49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	12/19/24 21:30	12/20/24 12:31	1
o-Terphenyl	120		70 - 130	12/19/24 21:30	12/20/24 12:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2960		50.1		mg/Kg			12/20/24 09:19	5

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Ethylbenzene	0.0487		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Toluene	0.00442		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Xylenes, Total	0.0402		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
m-Xylene & p-Xylene	0.0276		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
o-Xylene	0.0126		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	12/20/24 08:33	12/20/24 12:51	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	75		70 - 130	12/20/24 08:33	12/20/24 12:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0933		0.00404		mg/Kg			12/20/24 12:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	311		49.8		mg/Kg			12/20/24 12:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Diesel Range Organics (Over C10-C28)	311		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				12/19/24 21:30	12/20/24 12:47	1
o-Terphenyl	77		70 - 130				12/19/24 21:30	12/20/24 12:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.8		9.96		mg/Kg			12/20/24 09:26	1

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Ethylbenzene	0.191		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Toluene	0.110		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Xylenes, Total	0.265		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
m-Xylene & p-Xylene	0.156		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
o-Xylene	0.109		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130	12/20/24 08:33	12/20/24 13:11	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 13:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.566		0.00402		mg/Kg			12/20/24 13:11	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2050		49.9		mg/Kg			12/20/24 13:03	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Diesel Range Organics (Over C10-C28)	2050		49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				12/19/24 21:30	12/20/24 13:03	1
o-Terphenyl	106		70 - 130				12/19/24 21:30	12/20/24 13:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	930		10.0		mg/Kg			12/20/24 09:33	1

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Ethylbenzene	0.00665		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Toluene	0.00205		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Xylenes, Total	0.0105		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
m-Xylene & p-Xylene	0.00628		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
o-Xylene	0.00418		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				12/20/24 08:30	12/20/24 12:07	1
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 12:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0192		0.00404		mg/Kg			12/20/24 12:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	601		49.7		mg/Kg			12/20/24 13:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U **	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Diesel Range Organics (Over C10-C28)	601		49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				12/19/24 21:30	12/20/24 13:20	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 13:20	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3030		49.7		mg/Kg			12/20/24 09:40	5

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Xylenes, Total	0.133		0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
o-Xylene	0.133		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				12/20/24 08:30	12/20/24 12:27	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/20/24 08:30	12/20/24 12:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.133		0.00401		mg/Kg			12/20/24 12:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/20/24 13:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 13:36	1
o-Terphenyl	66	S1-	70 - 130				12/19/24 21:30	12/20/24 13:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		10.0		mg/Kg			12/20/24 09:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Ethylbenzene	0.950		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Toluene	0.199		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Xylenes, Total	1.58		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
m-Xylene & p-Xylene	0.943		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
o-Xylene	0.636		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	193	S1+	70 - 130				12/20/24 08:30	12/20/24 13:28	10
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 13:28	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.73		0.0398		mg/Kg			12/20/24 13:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2110		49.8		mg/Kg			12/20/24 13:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Diesel Range Organics (Over C10-C28)	2110		49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:30	12/20/24 13:52	1
o-Terphenyl	112		70 - 130				12/19/24 21:30	12/20/24 13:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	812		9.98		mg/Kg			12/20/24 10:09	1

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Ethylbenzene	0.0120		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Toluene	0.00377		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Xylenes, Total	0.0233		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
m-Xylene & p-Xylene	0.0102		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
o-Xylene	0.0131		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				12/20/24 08:30	12/20/24 12:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130	12/20/24 08:30	12/20/24 12:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0391		0.00399		mg/Kg			12/20/24 12:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	573		49.8		mg/Kg			12/20/24 14:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Diesel Range Organics (Over C10-C28)	573		49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 14:07	1
o-Terphenyl	78		70 - 130				12/19/24 21:30	12/20/24 14:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2650		50.1		mg/Kg			12/20/24 10:16	5

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Xylenes, Total	0.0889		0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
o-Xylene	0.0889		0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	12/20/24 08:30	12/20/24 13:08	1
1,4-Difluorobenzene (Surr)	91		70 - 130	12/20/24 08:30	12/20/24 13:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0889		0.00404		mg/Kg			12/20/24 13:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 420
Date Collected: 12/19/24 12:22
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-23
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	104		70 - 130				12/19/24 21:32	12/20/24 11:11	1	
o-Terphenyl	109		70 - 130				12/19/24 21:32	12/20/24 11:11	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	162		9.94		mg/Kg			12/20/24 10:38	1	

Surrogate Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
890-7492-1	SS 01	131 S1+	124
890-7492-2	SS 20	128	136 S1+
890-7492-3	SS 64	137 S1+	131 S1+
890-7492-4	SS 80	144 S1+	106
890-7492-5	SS 262	125	122
890-7492-6	SS 320	126	126
890-7492-7	SS 488	106	100
890-7492-8	SS 46	171 S1+	94
890-7492-9	SS 107	107	101
890-7492-10	SS 290	131 S1+	100
890-7492-11	SS 339	122	99
890-7492-12	SS 495	139 S1+	104
890-7492-13	SS 129	109	95
890-7492-14	SS 154	99	93
890-7492-15	SS 504	110	94
890-7492-16	SS 398	141 S1+	96
890-7492-17	SS 183	88	75
890-7492-18	SS 200	159 S1+	93
890-7492-19	SS 435	113	104
890-7492-20	SS 477	98	95
890-7492-21	SS 176	193 S1+	104
890-7492-22	SS 138	115	103
890-7492-23	SS 420	95	91
LCS 880-98432/1-A	Lab Control Sample	101	96
LCS 880-98433/1-A	Lab Control Sample	96	103
LCS 880-98434/1-A	Lab Control Sample	107	104
LCS 880-98435/1-A	Lab Control Sample	106	99
LCSD 880-98432/2-A	Lab Control Sample Dup	103	99
LCSD 880-98433/2-A	Lab Control Sample Dup	94	103
LCSD 880-98434/2-A	Lab Control Sample Dup	109	103
LCSD 880-98435/2-A	Lab Control Sample Dup	108	98
MB 880-98432/5-A	Method Blank	112	85
MB 880-98433/5-A	Method Blank	98	96
MB 880-98434/5-A	Method Blank	111	101
MB 880-98435/5-A	Method Blank	92	93

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1	OTPH1
		(70-130)	(70-130)
890-7492-1	SS 01	83	86
890-7492-2	SS 20	76	77
890-7492-3	SS 64	75	78
890-7492-3 MS	SS 64	78	76

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Surrogate Summary

Client: CDH Consulting

Job ID: 890-7492-1

Project/Site: CLOSE ENCOUNTER 301 H

SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-3 MSD	SS 64	77	76
890-7492-4	SS 80	73	74
890-7492-5	SS 262	70	69 S1-
890-7492-6	SS 320	74	75
890-7492-7	SS 488	75	95
890-7492-8	SS 46	75	81
890-7492-9	SS 107	75	86
890-7492-10	SS 290	85	105
890-7492-11	SS 339	84	121
890-7492-12	SS 495	88	108
890-7492-13	SS 129	84	79
890-7492-13 MS	SS 129	80	81
890-7492-13 MSD	SS 129	79	81
890-7492-14	SS 154	84	120
890-7492-15	SS 504	92	97
890-7492-16	SS 398	85	120
890-7492-17	SS 183	87	77
890-7492-18	SS 200	82	106
890-7492-19	SS 435	77	74
890-7492-20	SS 477	81	66 S1-
890-7492-21	SS 176	88	112
890-7492-22	SS 138	81	78
890-7492-23	SS 420	104	109
890-7492-23 MS	SS 420	92	99
890-7492-23 MSD	SS 420	92	99
LCS 880-98401/2-A	Lab Control Sample	118	102
LCS 880-98402/2-A	Lab Control Sample	121	104
LCS 880-98403/2-A	Lab Control Sample	136 S1+	123
LCS 880-98404/2-A	Lab Control Sample	158 S1+	172 S1+
LCSD 880-98401/3-A	Lab Control Sample Dup	110	95
LCSD 880-98402/3-A	Lab Control Sample Dup	145 S1+	123
LCSD 880-98403/3-A	Lab Control Sample Dup	133 S1+	120
LCSD 880-98404/3-A	Lab Control Sample Dup	166 S1+	175 S1+
MB 880-98401/1-A	Method Blank	81	80
MB 880-98402/1-A	Method Blank	75	75
MB 880-98403/1-A	Method Blank	91	74
MB 880-98404/1-A	Method Blank	93	96
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-98432/5-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	12/20/24 08:24	12/20/24 11:08	1
1,4-Difluorobenzene (Surr)	85		70 - 130	12/20/24 08:24	12/20/24 11:08	1

Lab Sample ID: LCS 880-98432/1-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1137		mg/Kg		114	70 - 130
Ethylbenzene	0.100	0.1107		mg/Kg		111	70 - 130
Toluene	0.100	0.1082		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2221		mg/Kg		111	70 - 130
o-Xylene	0.100	0.1128		mg/Kg		113	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-98432/2-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1182		mg/Kg		118	70 - 130	4	35
Ethylbenzene	0.100	0.1145		mg/Kg		114	70 - 130	3	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2282		mg/Kg		114	70 - 130	3	35
o-Xylene	0.100	0.1165		mg/Kg		117	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	12/20/24 08:27	12/20/24 11:02	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:27	12/20/24 11:02	1

Lab Sample ID: LCS 880-98433/1-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1001		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09410		mg/Kg		94	70 - 130
Toluene	0.100	0.09371		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1885		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09536		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-98433/2-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1048		mg/Kg		105	70 - 130	5	35
Ethylbenzene	0.100	0.09886		mg/Kg		99	70 - 130	5	35
Toluene	0.100	0.09817		mg/Kg		98	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1969		mg/Kg		98	70 - 130	4	35
o-Xylene	0.100	0.09974		mg/Kg		100	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	111		70 - 130				12/20/24 08:30	12/20/24 11:25	1
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:30	12/20/24 11:25	1

Lab Sample ID: LCS 880-98434/1-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits		
		Result	Qualifier						
Benzene	0.100	0.1149		mg/Kg		115	70 - 130		
Ethylbenzene	0.100	0.1100		mg/Kg		110	70 - 130		
Toluene	0.100	0.1116		mg/Kg		112	70 - 130		
m-Xylene & p-Xylene	0.200	0.2234		mg/Kg		112	70 - 130		
o-Xylene	0.100	0.1142		mg/Kg		114	70 - 130		
Surrogate	LCS	LCS	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	107		70 - 130						
1,4-Difluorobenzene (Surr)	104		70 - 130						

Lab Sample ID: LCSD 880-98434/2-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.1162		mg/Kg		116	70 - 130	1	35
Ethylbenzene	0.100	0.1102		mg/Kg		110	70 - 130	0	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2247		mg/Kg		112	70 - 130	1	35
o-Xylene	0.100	0.1148		mg/Kg		115	70 - 130	1	35
Surrogate	LCSD	LCSD	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	109		70 - 130						
1,4-Difluorobenzene (Surr)	103		70 - 130						

Lab Sample ID: MB 880-98435/5-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98435

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac		
4-Bromofluorobenzene (Surr)	92		70 - 130	12/20/24 08:33	12/20/24 11:07	1			
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 11:07	1			

Lab Sample ID: LCS 880-98435/1-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1025		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.1037		mg/Kg		104	70 - 130
Toluene	0.100	0.1077		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2015		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1117		mg/Kg		112	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-98435/2-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1068		mg/Kg		107	70 - 130	4	35
Ethylbenzene	0.100	0.1065		mg/Kg		107	70 - 130	3	35
Toluene	0.100	0.1103		mg/Kg		110	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2041		mg/Kg		102	70 - 130	1	35
o-Xylene	0.100	0.1136		mg/Kg		114	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-98401/1-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98401

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil	Fac
1-Chlorooctane	81		70 - 130	12/19/24 21:26	12/20/24 00:11	1	
o-Terphenyl	80		70 - 130	12/19/24 21:26	12/20/24 00:11	1	

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98401/2-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98401

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1058		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	960.9		mg/Kg		96	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	118		70 - 130				
o-Terphenyl	102		70 - 130				

Lab Sample ID: LCSD 880-98401/3-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98401

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1005		mg/Kg		101	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	903.5		mg/Kg		90	70 - 130	6	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	110		70 - 130						
o-Terphenyl	95		70 - 130						

Lab Sample ID: MB 880-98402/1-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 98402

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1-Chlorooctane	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	
o-Terphenyl	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	

Lab Sample ID: LCS 880-98402/2-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1061		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1028		mg/Kg		103	70 - 130

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98402/2-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98402

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: LCSD 880-98402/3-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98402

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1288		mg/Kg		129	70 - 130	19	20
Diesel Range Organics (Over C10-C28)			1000	1231		mg/Kg		123	70 - 130	18	20
Surrogate	LCSD	LCSD									
	%Recovery	Qualifier									
1-Chlorooctane	145	S1+									
o-Terphenyl	123										

Lab Sample ID: 890-7492-3 MS
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: SS 64
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	665.3	F1	mg/Kg		67	70 - 130		
Diesel Range Organics (Over C10-C28)	631	F1	998	1155	F1	mg/Kg		53	70 - 130		
Surrogate	MS	MS									
	%Recovery	Qualifier									
1-Chlorooctane	78										
o-Terphenyl	76										

Lab Sample ID: 890-7492-3 MSD
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: SS 64
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	660.4	F1	mg/Kg		66	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	631	F1	998	1141	F1	mg/Kg		51	70 - 130	1	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier									
1-Chlorooctane	77										
o-Terphenyl	76										

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-98403/1-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98403

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				12/19/24 21:30	12/20/24 09:12	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 09:12	1

Lab Sample ID: LCS 880-98403/2-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1333	*+	mg/Kg		133	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1178		mg/Kg		118	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	136	S1+	70 - 130				
o-Terphenyl	123		70 - 130				

Lab Sample ID: LCSD 880-98403/3-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1180		mg/Kg		118	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	1000	1166		mg/Kg		117	70 - 130	1	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	133	S1+	70 - 130						
o-Terphenyl	120		70 - 130						

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	997	729.6		mg/Kg		73	70 - 130
Diesel Range Organics (Over C10-C28)	538	F1	997	1207	F1	mg/Kg		67	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	80		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: 890-7492-13 MSD

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	997	855.4		mg/Kg		86	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	538	F1	997	1282		mg/Kg		75	70 - 130	6	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	79		70 - 130								
o-Terphenyl	81		70 - 130								

Lab Sample ID: MB 880-98404/1-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98404

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				12/19/24 21:32	12/20/24 09:12	1
o-Terphenyl	96		70 - 130				12/19/24 21:32	12/20/24 09:12	1

Lab Sample ID: LCS 880-98404/2-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1398	*+	mg/Kg		140	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1468	*+	mg/Kg		147	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	158	S1+	70 - 130				
o-Terphenyl	172	S1+	70 - 130				

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-98404/3-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1465	*+	mg/Kg		147	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	1590	*+	mg/Kg		159	70 - 130	8	20
		LCSD %Recovery	LCSD Qualifier						
Surrogate				Limits					
1-Chlorooctane		166	S1+	70 - 130					
o-Terphenyl		175	S1+	70 - 130					

Lab Sample ID: 890-7492-23 MS

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: SS 420

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	781.1		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	867.3		mg/Kg		84	70 - 130		
		MS %Recovery	MS Qualifier								
Surrogate				Limits							
1-Chlorooctane		92		70 - 130							
o-Terphenyl		99		70 - 130							

Lab Sample ID: 890-7492-23 MSD

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: SS 420

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	804.1		mg/Kg		80	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	863.1		mg/Kg		84	70 - 130	0	20
		MSD %Recovery	MSD Qualifier								
Surrogate				Limits							
1-Chlorooctane		92		70 - 130							
o-Terphenyl		99		70 - 130							

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-98374/1-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 08:34	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-98374/2-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.6		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-98374/3-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	245.0		mg/Kg		98	90 - 110	2	20

Lab Sample ID: 890-7492-2 MS

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1300	F1	1250	3073	F1	mg/Kg		142	90 - 110

Lab Sample ID: 890-7492-2 MSD

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1300	F1	1250	3070	F1	mg/Kg		142	90 - 110	0	20

Lab Sample ID: MB 880-98373/1-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 03:00	1

Lab Sample ID: LCS 880-98373/2-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	258.6		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-98373/3-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	257.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-7492-20 MS

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: SS 477

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	126		257	387.5		mg/Kg		102	90 - 110

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-7492-20 MSD							Client Sample ID: SS 477					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 98377												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	126		248	372.8		mg/Kg		100	90 - 110	4	20	

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA

Analysis Batch: 98350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-2	SS 20	Total/NA	Solid	8021B	98432
890-7492-3	SS 64	Total/NA	Solid	8021B	98432
890-7492-4	SS 80	Total/NA	Solid	8021B	98432
890-7492-5	SS 262	Total/NA	Solid	8021B	98432
890-7492-6	SS 320	Total/NA	Solid	8021B	98432
MB 880-98432/5-A	Method Blank	Total/NA	Solid	8021B	98432
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	8021B	98432
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98432

Analysis Batch: 98351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	8021B	98433
890-7492-8	SS 46	Total/NA	Solid	8021B	98433
890-7492-9	SS 107	Total/NA	Solid	8021B	98433
890-7492-10	SS 290	Total/NA	Solid	8021B	98433
890-7492-11	SS 339	Total/NA	Solid	8021B	98433
890-7492-12	SS 495	Total/NA	Solid	8021B	98433
MB 880-98433/5-A	Method Blank	Total/NA	Solid	8021B	98433
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	8021B	98433
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98433

Analysis Batch: 98352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	8021B	98434
890-7492-20	SS 477	Total/NA	Solid	8021B	98434
890-7492-21	SS 176	Total/NA	Solid	8021B	98434
890-7492-22	SS 138	Total/NA	Solid	8021B	98434
890-7492-23	SS 420	Total/NA	Solid	8021B	98434
MB 880-98434/5-A	Method Blank	Total/NA	Solid	8021B	98434
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	8021B	98434
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98434

Analysis Batch: 98353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8021B	98435
890-7492-14	SS 154	Total/NA	Solid	8021B	98435
890-7492-15	SS 504	Total/NA	Solid	8021B	98435
890-7492-16	SS 398	Total/NA	Solid	8021B	98435
890-7492-17	SS 183	Total/NA	Solid	8021B	98435
890-7492-18	SS 200	Total/NA	Solid	8021B	98435
MB 880-98435/5-A	Method Blank	Total/NA	Solid	8021B	98435
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	8021B	98435
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98435

Prep Batch: 98432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	5035	
890-7492-2	SS 20	Total/NA	Solid	5035	
890-7492-3	SS 64	Total/NA	Solid	5035	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Prep Batch: 98432 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-4	SS 80	Total/NA	Solid	5035	
890-7492-5	SS 262	Total/NA	Solid	5035	
890-7492-6	SS 320	Total/NA	Solid	5035	
MB 880-98432/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	5035	
890-7492-8	SS 46	Total/NA	Solid	5035	
890-7492-9	SS 107	Total/NA	Solid	5035	
890-7492-10	SS 290	Total/NA	Solid	5035	
890-7492-11	SS 339	Total/NA	Solid	5035	
890-7492-12	SS 495	Total/NA	Solid	5035	
MB 880-98433/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	5035	
890-7492-20	SS 477	Total/NA	Solid	5035	
890-7492-21	SS 176	Total/NA	Solid	5035	
890-7492-22	SS 138	Total/NA	Solid	5035	
890-7492-23	SS 420	Total/NA	Solid	5035	
MB 880-98434/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	5035	
890-7492-14	SS 154	Total/NA	Solid	5035	
890-7492-15	SS 504	Total/NA	Solid	5035	
890-7492-16	SS 398	Total/NA	Solid	5035	
890-7492-17	SS 183	Total/NA	Solid	5035	
890-7492-18	SS 200	Total/NA	Solid	5035	
MB 880-98435/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 98498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	Total BTEX	
890-7492-2	SS 20	Total/NA	Solid	Total BTEX	
890-7492-3	SS 64	Total/NA	Solid	Total BTEX	
890-7492-4	SS 80	Total/NA	Solid	Total BTEX	
890-7492-5	SS 262	Total/NA	Solid	Total BTEX	
890-7492-6	SS 320	Total/NA	Solid	Total BTEX	
890-7492-7	SS 488	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Analysis Batch: 98498 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-8	SS 46	Total/NA	Solid	Total BTEX	
890-7492-9	SS 107	Total/NA	Solid	Total BTEX	
890-7492-10	SS 290	Total/NA	Solid	Total BTEX	
890-7492-11	SS 339	Total/NA	Solid	Total BTEX	
890-7492-12	SS 495	Total/NA	Solid	Total BTEX	
890-7492-13	SS 129	Total/NA	Solid	Total BTEX	
890-7492-14	SS 154	Total/NA	Solid	Total BTEX	
890-7492-15	SS 504	Total/NA	Solid	Total BTEX	
890-7492-16	SS 398	Total/NA	Solid	Total BTEX	
890-7492-17	SS 183	Total/NA	Solid	Total BTEX	
890-7492-18	SS 200	Total/NA	Solid	Total BTEX	
890-7492-19	SS 435	Total/NA	Solid	Total BTEX	
890-7492-20	SS 477	Total/NA	Solid	Total BTEX	
890-7492-21	SS 176	Total/NA	Solid	Total BTEX	
890-7492-22	SS 138	Total/NA	Solid	Total BTEX	
890-7492-23	SS 420	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 98401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015NM Prep	
890-7492-2	SS 20	Total/NA	Solid	8015NM Prep	
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 98402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-4	SS 80	Total/NA	Solid	8015NM Prep	
890-7492-5	SS 262	Total/NA	Solid	8015NM Prep	
890-7492-6	SS 320	Total/NA	Solid	8015NM Prep	
890-7492-7	SS 488	Total/NA	Solid	8015NM Prep	
890-7492-8	SS 46	Total/NA	Solid	8015NM Prep	
890-7492-9	SS 107	Total/NA	Solid	8015NM Prep	
890-7492-10	SS 290	Total/NA	Solid	8015NM Prep	
890-7492-11	SS 339	Total/NA	Solid	8015NM Prep	
890-7492-12	SS 495	Total/NA	Solid	8015NM Prep	
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-3 MS	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-3 MSD	SS 64	Total/NA	Solid	8015NM Prep	

Prep Batch: 98403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-14	SS 154	Total/NA	Solid	8015NM Prep	
890-7492-15	SS 504	Total/NA	Solid	8015NM Prep	
890-7492-16	SS 398	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Prep Batch: 98403 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-17	SS 183	Total/NA	Solid	8015NM Prep	
890-7492-18	SS 200	Total/NA	Solid	8015NM Prep	
890-7492-19	SS 435	Total/NA	Solid	8015NM Prep	
890-7492-20	SS 477	Total/NA	Solid	8015NM Prep	
890-7492-21	SS 176	Total/NA	Solid	8015NM Prep	
890-7492-22	SS 138	Total/NA	Solid	8015NM Prep	
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-13 MS	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-13 MSD	SS 129	Total/NA	Solid	8015NM Prep	

Prep Batch: 98404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015NM Prep	
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-23 MS	SS 420	Total/NA	Solid	8015NM Prep	
890-7492-23 MSD	SS 420	Total/NA	Solid	8015NM Prep	

Analysis Batch: 98423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015B NM	98401
890-7492-2	SS 20	Total/NA	Solid	8015B NM	98401
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015B NM	98401
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98401
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98401

Analysis Batch: 98425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-4	SS 80	Total/NA	Solid	8015B NM	98402
890-7492-5	SS 262	Total/NA	Solid	8015B NM	98402
890-7492-6	SS 320	Total/NA	Solid	8015B NM	98402
890-7492-7	SS 488	Total/NA	Solid	8015B NM	98402
890-7492-8	SS 46	Total/NA	Solid	8015B NM	98402
890-7492-9	SS 107	Total/NA	Solid	8015B NM	98402
890-7492-10	SS 290	Total/NA	Solid	8015B NM	98402
890-7492-11	SS 339	Total/NA	Solid	8015B NM	98402
890-7492-12	SS 495	Total/NA	Solid	8015B NM	98402
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015B NM	98402
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98402
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98402
890-7492-3 MS	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-3 MSD	SS 64	Total/NA	Solid	8015B NM	98402

Analysis Batch: 98427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-14	SS 154	Total/NA	Solid	8015B NM	98403

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Analysis Batch: 98427 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-15	SS 504	Total/NA	Solid	8015B NM	98403
890-7492-16	SS 398	Total/NA	Solid	8015B NM	98403
890-7492-17	SS 183	Total/NA	Solid	8015B NM	98403
890-7492-18	SS 200	Total/NA	Solid	8015B NM	98403
890-7492-19	SS 435	Total/NA	Solid	8015B NM	98403
890-7492-20	SS 477	Total/NA	Solid	8015B NM	98403
890-7492-21	SS 176	Total/NA	Solid	8015B NM	98403
890-7492-22	SS 138	Total/NA	Solid	8015B NM	98403
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015B NM	98403
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98403
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98403
890-7492-13 MS	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-13 MSD	SS 129	Total/NA	Solid	8015B NM	98403

Analysis Batch: 98430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015B NM	98404
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015B NM	98404
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98404
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98404
890-7492-23 MS	SS 420	Total/NA	Solid	8015B NM	98404
890-7492-23 MSD	SS 420	Total/NA	Solid	8015B NM	98404

Analysis Batch: 98523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015 NM	
890-7492-2	SS 20	Total/NA	Solid	8015 NM	
890-7492-3	SS 64	Total/NA	Solid	8015 NM	
890-7492-4	SS 80	Total/NA	Solid	8015 NM	
890-7492-5	SS 262	Total/NA	Solid	8015 NM	
890-7492-6	SS 320	Total/NA	Solid	8015 NM	
890-7492-7	SS 488	Total/NA	Solid	8015 NM	
890-7492-8	SS 46	Total/NA	Solid	8015 NM	
890-7492-9	SS 107	Total/NA	Solid	8015 NM	
890-7492-10	SS 290	Total/NA	Solid	8015 NM	
890-7492-11	SS 339	Total/NA	Solid	8015 NM	
890-7492-12	SS 495	Total/NA	Solid	8015 NM	
890-7492-13	SS 129	Total/NA	Solid	8015 NM	
890-7492-14	SS 154	Total/NA	Solid	8015 NM	
890-7492-15	SS 504	Total/NA	Solid	8015 NM	
890-7492-16	SS 398	Total/NA	Solid	8015 NM	
890-7492-17	SS 183	Total/NA	Solid	8015 NM	
890-7492-18	SS 200	Total/NA	Solid	8015 NM	
890-7492-19	SS 435	Total/NA	Solid	8015 NM	
890-7492-20	SS 477	Total/NA	Solid	8015 NM	
890-7492-21	SS 176	Total/NA	Solid	8015 NM	
890-7492-22	SS 138	Total/NA	Solid	8015 NM	
890-7492-23	SS 420	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC

Leach Batch: 98373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	DI Leach	
890-7492-13	SS 129	Soluble	Solid	DI Leach	
890-7492-14	SS 154	Soluble	Solid	DI Leach	
890-7492-15	SS 504	Soluble	Solid	DI Leach	
890-7492-16	SS 398	Soluble	Solid	DI Leach	
890-7492-17	SS 183	Soluble	Solid	DI Leach	
890-7492-18	SS 200	Soluble	Solid	DI Leach	
890-7492-19	SS 435	Soluble	Solid	DI Leach	
890-7492-20	SS 477	Soluble	Solid	DI Leach	
890-7492-21	SS 176	Soluble	Solid	DI Leach	
890-7492-22	SS 138	Soluble	Solid	DI Leach	
890-7492-23	SS 420	Soluble	Solid	DI Leach	
MB 880-98373/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-20 MS	SS 477	Soluble	Solid	DI Leach	
890-7492-20 MSD	SS 477	Soluble	Solid	DI Leach	

Leach Batch: 98374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	DI Leach	
890-7492-2	SS 20	Soluble	Solid	DI Leach	
890-7492-3	SS 64	Soluble	Solid	DI Leach	
890-7492-4	SS 80	Soluble	Solid	DI Leach	
890-7492-5	SS 262	Soluble	Solid	DI Leach	
890-7492-6	SS 320	Soluble	Solid	DI Leach	
890-7492-7	SS 488	Soluble	Solid	DI Leach	
890-7492-8	SS 46	Soluble	Solid	DI Leach	
890-7492-9	SS 107	Soluble	Solid	DI Leach	
890-7492-10	SS 290	Soluble	Solid	DI Leach	
890-7492-11	SS 339	Soluble	Solid	DI Leach	
MB 880-98374/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-2 MS	SS 20	Soluble	Solid	DI Leach	
890-7492-2 MSD	SS 20	Soluble	Solid	DI Leach	

Analysis Batch: 98376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	300.0	98374
890-7492-2	SS 20	Soluble	Solid	300.0	98374
890-7492-3	SS 64	Soluble	Solid	300.0	98374
890-7492-4	SS 80	Soluble	Solid	300.0	98374
890-7492-5	SS 262	Soluble	Solid	300.0	98374
890-7492-6	SS 320	Soluble	Solid	300.0	98374
890-7492-7	SS 488	Soluble	Solid	300.0	98374
890-7492-8	SS 46	Soluble	Solid	300.0	98374
890-7492-9	SS 107	Soluble	Solid	300.0	98374
890-7492-10	SS 290	Soluble	Solid	300.0	98374
890-7492-11	SS 339	Soluble	Solid	300.0	98374
MB 880-98374/1-A	Method Blank	Soluble	Solid	300.0	98374

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC (Continued)

Analysis Batch: 98376 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	300.0	98374
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98374
890-7492-2 MS	SS 20	Soluble	Solid	300.0	98374
890-7492-2 MSD	SS 20	Soluble	Solid	300.0	98374

Analysis Batch: 98377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	300.0	98373
890-7492-13	SS 129	Soluble	Solid	300.0	98373
890-7492-14	SS 154	Soluble	Solid	300.0	98373
890-7492-15	SS 504	Soluble	Solid	300.0	98373
890-7492-16	SS 398	Soluble	Solid	300.0	98373
890-7492-17	SS 183	Soluble	Solid	300.0	98373
890-7492-18	SS 200	Soluble	Solid	300.0	98373
890-7492-19	SS 435	Soluble	Solid	300.0	98373
890-7492-20	SS 477	Soluble	Solid	300.0	98373
890-7492-21	SS 176	Soluble	Solid	300.0	98373
890-7492-22	SS 138	Soluble	Solid	300.0	98373
890-7492-23	SS 420	Soluble	Solid	300.0	98373
MB 880-98373/1-A	Method Blank	Soluble	Solid	300.0	98373
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	300.0	98373
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98373
890-7492-20 MS	SS 477	Soluble	Solid	300.0	98373
890-7492-20 MSD	SS 477	Soluble	Solid	300.0	98373

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01
Date Collected: 12/19/24 08:20
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 11:51
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		5	98350	MNR	EET MID	12/20/24 13:55
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:55
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		20	98376	CH	EET MID	12/20/24 10:49

Client Sample ID: SS 20
Date Collected: 12/19/24 08:36
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:15
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:15
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 10:58

Client Sample ID: SS 64
Date Collected: 12/19/24 08:47
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 12:33
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:33
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 09:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 09:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:54

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80
Date Collected: 12/19/24 08:53
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:36
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:36
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:24
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:24
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:30

Client Sample ID: SS 262
Date Collected: 12/19/24 08:59
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		50	98350	MNR	EET MID	12/20/24 13:14
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:14
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:38
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:38
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:48

Client Sample ID: SS 320
Date Collected: 12/19/24 09:04
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		25	98350	MNR	EET MID	12/20/24 13:34
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:34
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:53
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:53
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:59

Client Sample ID: SS 488
Date Collected: 12/19/24 09:12
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		100	98351	MNR	EET MID	12/20/24 12:24
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:24

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488
Date Collected: 12/19/24 09:12
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:08
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:08
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:06

Client Sample ID: SS 46
Date Collected: 12/19/24 10:15
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 12:45
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:45
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:25
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:25
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:11

Client Sample ID: SS 107
Date Collected: 12/19/24 10:22
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:05
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:05
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:17

Client Sample ID: SS 290
Date Collected: 12/19/24 10:30
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:25
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:25
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:54
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:54

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:23

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:46
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:46
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:29

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 14:06
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:06
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:36

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 11:49
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 11:49
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:43

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:10
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:10
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:00
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:00
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:50

Client Sample ID: SS 504

Lab Sample ID: 890-7492-15

Date Collected: 12/19/24 11:40

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		10	98353	MNR	EET MID	12/20/24 13:32
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:32
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:15
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:15
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:12

Client Sample ID: SS 398

Lab Sample ID: 890-7492-16

Date Collected: 12/19/24 11:27

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:30
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:30
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:31
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:31
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:19

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:51
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:51

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:47
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:47
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:26

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 13:11
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:11
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:03
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:03
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:33

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:07
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:07
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:20
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:20
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:40

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:27
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:27
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:36
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:36

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:48

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		10	98352	MNR	EET MID	12/20/24 13:28
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:28
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:52
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:52
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:09

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:48
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:48
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 14:07
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 14:07
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 10:16

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 13:08
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:08
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98404	EL	EET MID	12/19/24 21:32
Total/NA	Analysis	8015B NM		1	98430	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:38

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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Method Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7492-1	SS 01	Solid	12/19/24 08:20	12/19/24 15:45	- SURFACE
890-7492-2	SS 20	Solid	12/19/24 08:36	12/19/24 15:45	- SURFACE
890-7492-3	SS 64	Solid	12/19/24 08:47	12/19/24 15:45	- SURFACE
890-7492-4	SS 80	Solid	12/19/24 08:53	12/19/24 15:45	- SURFACE
890-7492-5	SS 262	Solid	12/19/24 08:59	12/19/24 15:45	- SURFACE
890-7492-6	SS 320	Solid	12/19/24 09:04	12/19/24 15:45	- SURFACE
890-7492-7	SS 488	Solid	12/19/24 09:12	12/19/24 15:45	- SURFACE
890-7492-8	SS 46	Solid	12/19/24 10:15	12/19/24 15:45	- SURFACE
890-7492-9	SS 107	Solid	12/19/24 10:22	12/19/24 15:45	- SURFACE
890-7492-10	SS 290	Solid	12/19/24 10:30	12/19/24 15:45	- SURFACE
890-7492-11	SS 339	Solid	12/19/24 10:37	12/19/24 15:45	- SURFACE
890-7492-12	SS 495	Solid	12/19/24 10:44	12/19/24 15:45	- SURFACE
890-7492-13	SS 129	Solid	12/19/24 11:07	12/19/24 15:45	- SURFACE
890-7492-14	SS 154	Solid	12/19/24 11:19	12/19/24 15:45	- SURFACE
890-7492-15	SS 504	Solid	12/19/24 11:40	12/19/24 15:45	- SURFACE
890-7492-16	SS 398	Solid	12/19/24 11:27	12/19/24 15:45	- SURFACE
890-7492-17	SS 183	Solid	12/19/24 11:44	12/19/24 15:45	- SURFACE
890-7492-18	SS 200	Solid	12/19/24 11:49	12/19/24 15:45	- SURFACE
890-7492-19	SS 435	Solid	12/19/24 11:53	12/19/24 15:45	- SURFACE
890-7492-20	SS 477	Solid	12/19/24 12:02	12/19/24 15:45	- SURFACE
890-7492-21	SS 176	Solid	12/19/24 12:07	12/19/24 15:45	- SURFACE
890-7492-22	SS 138	Solid	12/19/24 12:17	12/19/24 15:45	- SURFACE
890-7492-23	SS 420	Solid	12/19/24 12:22	12/19/24 15:45	- SURFACE



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 1 of 3

Work-Order Comments

Program: ☐ PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project: ☐ Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Reporting: ☐ Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: ☐ EDD ☐ ADAPT ☐ Other:

Project Manager: Michael Wicker

Company Name: Cotto

Address: 1016-970-8459

City, State ZIP: 1016-970-8459

Phone: 1016-970-8459

Bill to: (if different) CDH Consulting

Company Name: CDH Consulting

Address: CDH Consulting

City, State ZIP: CDH Consulting

Phone: CDH Consulting

Email: mwicker@cdhconsult.com

ANALYSIS REQUEST

Project Name: Close Encounter 30114

Project Number: Buckeye, NM

Project Location: Dakotah Cueto

Sampler's Name: Dakotah Cueto

PO #: 5501

SAMPLE RECEIPT

Samples Received Intact: ☒ Yes ☐ No

Cooler Custody Seals: ☒ Yes ☐ No

Sample Custody Seals: ☒ Yes ☐ No

Total Containers: 5

Temp Blank: ☒ Yes ☐ No

Wet Ice: ☒ Yes ☐ No

Thermometer ID: Turner

Correction Factor: -0.2

Temperature Reading: 5.8

Corrected Temperature: 5.0

Turn Around: ☐ Routine ☒ Rush

Due Date: 12-20-2024

TAT starts the day received by the lab, if received by 4:30pm

Pres. Code: None

Preservative Codes: DI Water: H₂O
MeOH: Me
HCL: HC
H₂SO₄: H₂
H₃PO₄: HP
NaHSO₄: NABIS
Na₂S₂O₃: NaSO₃
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Sample Comments
5501	S	12-19-24	08:20	Surf	C	1	
5520	S	08:36			C	1	
5564	S	08:47			C	1	
5580	S	08:53			C	1	
55262	S	08:59			C	1	
55320	S	09:04			C	1	
55488	S	09:12			C	1	
5546	S	10:15			C	1	
55107	S	10:22			C	1	
55290	S	10:30			C	1	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed: **TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471**

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>Dakotah Cueto</u>	<u>12/19 1545</u>				

Revised Date: 09/25/2020 Rev. 2020.2

Chain of Custody



Environment Testing

Work Order No:

Page 2 of 3

Little Rock, AR (501) 224-5060

Project Manager: Michael Wicker		Bill to: (if different) cdh consulting	
Company Name: cdh		Company Name:	
Address:		Address:	
City, State ZIP:		City, State ZIP:	
Phone: 616-970-8459		Email: mwicker@cdhconsult.com	
Project Name: Close Encounters 3014		Turn Around	
Project Number:		☐ Routine ☒ Rush	
Project Location: Buckeye, NM		Due Date: 12-20-2024	
Sampler's Name: Dakotah Cueto		TAT starts the day received by the lab, if received by 4:30pm	
PO #:			
SAMPLE RECEIPT		Temp Blank: Yes No Wet Ice: Yes No	
Samples Received Intact: Yes No		Thermometer ID:	
Cooler Custody Seals: Yes No N/A		Correction Factor:	
Sample Custody Seals: Yes No N/A		Temperature Reading:	
Total Containers:		Corrected Temperature:	
Sample Identification		Date Sampled	
Matrix		Time Sampled	
Depth		Grab/ # of Comp Cont	
5339		12/19/2024 10:37 AM - 86D0C	
53495		10:44 C 1	
53129		11:07 C 1	
53154		11:19 C 1	
53504		11:40 C 1	
53398		11:27 C 1	
53183		11:44 C 1	
53200		11:49 C 1	
53435		11:53 C 1	
53477		12:02 C 1	
Total 200.7 / 6010 200.8 / 6020:		8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti Sn U V Zn	
Circle Method(s) and Metal(s) to be analyzed		TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471	
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.			
Relinquished by: (Signature) 1. Dakotah Cueto		Received by: (Signature)	
Date/Time		Date/Time	
3		2	
4		4	
6		6	



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3499
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 3 of 3

[illegible]

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Source: Eurofins Midland

List Number: 2

List Creation: 12/19/24 09:21 PM

Creator: Laing, Edmundo

Question	Answer	Comment
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time (excluding tests with immediate HTs)		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").		



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Michael Wicker
CDH Consulting
9446 Clermont St,
Thornton, Colorado 80229
Generated 12/20/2024 3:02:55 PM

JOB DESCRIPTION

CLOSE ENCOUNTER 301 H
BUCKEYE

JOB NUMBER

890-7492-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

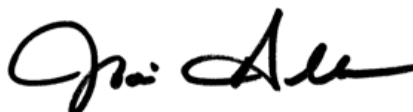
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
12/20/2024 3:02:55 PM

Authorized for release by
Jodi Allen, Project Manager I
Jodi.Allen@et.eurofinsus.com
(281)520-2865

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Laboratory Job ID: 890-7492-1
SDG: BUCKEYE

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Definitions/Glossary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1

Eurofins Carlsbad

Job Narrative
890-7492-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 12/19/2024 3:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 64 (890-7492-3), SS 80 (890-7492-4), SS 262 (890-7492-5), SS 320 (890-7492-6), SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11), SS 495 (890-7492-12), SS 129 (890-7492-13), SS 154 (890-7492-14), SS 504 (890-7492-15), SS 398 (890-7492-16), SS 183 (890-7492-17), SS 200 (890-7492-18), SS 435 (890-7492-19), SS 477 (890-7492-20), SS 176 (890-7492-21), SS 138 (890-7492-22) and SS 420 (890-7492-23).

GC VOA

Method 8021B: The following samples were diluted due to physical characteristics such as color, odor, appearance, viscosity, etc. >>: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 80 (890-7492-4), SS 262 (890-7492-5) and SS 320 (890-7492-6). Elevated reporting limits (RL) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 01 (890-7492-1), SS 20 (890-7492-2) and SS 64 (890-7492-3). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 398 (890-7492-16) and SS 200 (890-7492-18). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SS 176 (890-7492-21). Evidence of matrix interferences is not obvious.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11) and SS 495 (890-7492-12). Elevated reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 46 (890-7492-8), SS 290 (890-7492-10) and SS 495 (890-7492-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: SS 504 (890-7492-15). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-98402/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98402 and analytical batch 880-98425 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within

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Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1 (Continued)

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acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SS 262 (890-7492-5). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Due to the high concentration of Diesel Range Organics (Over C10-C28), the matrix spike (MS) for preparation batch 880-98403 and analytical batch 880-98427 could not be evaluated for accuracy. The associated matrix spike duplicate (MSD) met acceptance criteria.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SS 477 (890-7492-20), (LCS 880-98403/2-A) and (LCSD 880-98403/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The method blank for preparation batch 880-98404 and analytical batch 880-98430 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-98404/2-A) and (LCSD 880-98404/3-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-98404 and analytical batch 880-98430 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The laboratory control sample (LCS) for preparation batch 880-98403 and analytical batch 880-98427 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10. Since only an acceptable LCSD is required per the method, the LCSD shows recovery for the batch and the data has been qualified and reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98374 and analytical batch 880-98376 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01

Lab Sample ID: 890-7492-1

Date Collected: 12/19/24 08:20

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0101	U	0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Ethylbenzene	0.0947		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Toluene	0.0306		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Xylenes, Total	1.81		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
m-Xylene & p-Xylene	0.0449		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
o-Xylene	1.77		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:24	12/20/24 11:51	20
1,4-Difluorobenzene (Surr)	124		70 - 130				12/20/24 08:24	12/20/24 11:51	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.94		0.0202		mg/Kg			12/20/24 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	287		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	287		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				12/19/24 21:26	12/20/24 12:09	1
o-Terphenyl	86		70 - 130				12/19/24 21:26	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17600		199		mg/Kg			12/20/24 10:49	20

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Ethylbenzene	0.0420		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Toluene	0.0216		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Xylenes, Total	0.350		0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
m-Xylene & p-Xylene	<0.0401	U	0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
o-Xylene	0.350		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				12/20/24 08:24	12/20/24 14:15	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	136	S1+	70 - 130	12/20/24 08:24	12/20/24 14:15	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.414		0.0401		mg/Kg			12/20/24 14:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	110		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	110		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				12/19/24 21:26	12/20/24 12:23	1
o-Terphenyl	77		70 - 130				12/19/24 21:26	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300	F1	49.9		mg/Kg			12/20/24 10:58	5

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Ethylbenzene	0.242		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Toluene	0.0581		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Xylenes, Total	0.781		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
m-Xylene & p-Xylene	0.189		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
o-Xylene	0.592		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20
1,4-Difluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.08		0.0795		mg/Kg			12/20/24 12:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	631		50.0		mg/Kg			12/20/24 09:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Diesel Range Organics (Over C10-C28)	631	F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 09:40	1
o-Terphenyl	78		70 - 130				12/19/24 21:28	12/20/24 09:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3110		50.2		mg/Kg			12/20/24 11:54	5

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Ethylbenzene	0.0344		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Toluene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Xylenes, Total	0.680		0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
m-Xylene & p-Xylene	<0.0399	U	0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
o-Xylene	0.680		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				12/20/24 08:24	12/20/24 14:36	10
1,4-Difluorobenzene (Surr)	106		70 - 130				12/20/24 08:24	12/20/24 14:36	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.714		0.0399		mg/Kg			12/20/24 14:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	188		50.0		mg/Kg			12/20/24 10:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Diesel Range Organics (Over C10-C28)	188		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				12/19/24 21:28	12/20/24 10:24	1
o-Terphenyl	74		70 - 130				12/19/24 21:28	12/20/24 10:24	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3070		100		mg/Kg			12/20/24 11:30	10

Client Sample ID: SS 262

Lab Sample ID: 890-7492-5

Date Collected: 12/19/24 08:59

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Ethylbenzene	0.966		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Toluene	0.415		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Xylenes, Total	1.51		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
m-Xylene & p-Xylene	0.756		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
o-Xylene	0.754		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				12/20/24 08:24	12/20/24 13:14	50
1,4-Difluorobenzene (Surr)	122		70 - 130				12/20/24 08:24	12/20/24 13:14	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.89		0.202		mg/Kg			12/20/24 13:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	463		50.0		mg/Kg			12/20/24 10:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Diesel Range Organics (Over C10-C28)	463		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				12/19/24 21:28	12/20/24 10:38	1
o-Terphenyl	69	S1-	70 - 130				12/19/24 21:28	12/20/24 10:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4470		99.4		mg/Kg			12/20/24 11:48	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 320

Lab Sample ID: 890-7492-6

Date Collected: 12/19/24 09:04

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0503	U	0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Ethylbenzene	0.537		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Toluene	0.125		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Xylenes, Total	1.20		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
m-Xylene & p-Xylene	0.454		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
o-Xylene	0.746		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				12/20/24 08:24	12/20/24 13:34	25
1,4-Difluorobenzene (Surr)	126		70 - 130				12/20/24 08:24	12/20/24 13:34	25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.86		0.101		mg/Kg			12/20/24 13:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	876		49.7		mg/Kg			12/20/24 10:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Diesel Range Organics (Over C10-C28)	876		49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				12/19/24 21:28	12/20/24 10:53	1
o-Terphenyl	75		70 - 130				12/19/24 21:28	12/20/24 10:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3410		49.8		mg/Kg			12/20/24 11:59	5

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.199	U	0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Ethylbenzene	1.92		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Toluene	0.602		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Xylenes, Total	3.04		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
m-Xylene & p-Xylene	1.78		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
o-Xylene	1.26		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				12/20/24 08:27	12/20/24 12:24	100

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	100		70 - 130	12/20/24 08:27	12/20/24 12:24	100

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	5.56		0.398		mg/Kg			12/20/24 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2500		49.8		mg/Kg			12/20/24 11:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.7		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Diesel Range Organics (Over C10-C28)	2410		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:08	1
o-Terphenyl	95		70 - 130				12/19/24 21:28	12/20/24 11:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3680		49.6		mg/Kg			12/20/24 12:06	5

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.11		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Ethylbenzene	9.28		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Toluene	7.96		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Xylenes, Total	10.9		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
m-Xylene & p-Xylene	6.88		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
o-Xylene	4.05		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130	12/20/24 08:27	12/20/24 12:45	50
1,4-Difluorobenzene (Surr)	94		70 - 130	12/20/24 08:27	12/20/24 12:45	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	29.3		0.200		mg/Kg			12/20/24 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1330		49.9		mg/Kg			12/20/24 11:25	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	95.0		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Diesel Range Organics (Over C10-C28)	1230		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:25	1
o-Terphenyl	81		70 - 130				12/19/24 21:28	12/20/24 11:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5420		101		mg/Kg			12/20/24 12:11	10

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Ethylbenzene	1.52		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Toluene	0.807		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Xylenes, Total	4.70		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
m-Xylene & p-Xylene	3.88		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
o-Xylene	0.815		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				12/20/24 08:27	12/20/24 13:05	50
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:27	12/20/24 13:05	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	7.02		0.202		mg/Kg			12/20/24 13:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	60.0		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Diesel Range Organics (Over C10-C28)	1450		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:40	1
o-Terphenyl	86		70 - 130				12/19/24 21:28	12/20/24 11:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 107
Date Collected: 12/19/24 10:22
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-9
Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5250		99.4		mg/Kg			12/20/24 12:17	10

Client Sample ID: SS 290
Date Collected: 12/19/24 10:30
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-10
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.151		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Ethylbenzene	3.30		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Toluene	1.75		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Xylenes, Total	4.33		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
m-Xylene & p-Xylene	2.60		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
o-Xylene	1.73		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:27	12/20/24 13:25	50
1,4-Difluorobenzene (Surr)	100		70 - 130				12/20/24 08:27	12/20/24 13:25	50

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	9.53		0.201		mg/Kg			12/20/24 13:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2470		49.8		mg/Kg			12/20/24 11:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	129		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Diesel Range Organics (Over C10-C28)	2340		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				12/19/24 21:28	12/20/24 11:54	1
o-Terphenyl	105		70 - 130				12/19/24 21:28	12/20/24 11:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5400		99.8		mg/Kg			12/20/24 12:23	10

Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.106		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Ethylbenzene	3.81		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Toluene	1.12		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Xylenes, Total	5.28		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
m-Xylene & p-Xylene	3.48		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
o-Xylene	1.80		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				12/20/24 08:27	12/20/24 13:46	50
1,4-Difluorobenzene (Surr)	99		70 - 130				12/20/24 08:27	12/20/24 13:46	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	10.3		0.200		mg/Kg			12/20/24 13:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3950		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	154		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	3800		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:28	12/20/24 12:09	1
o-Terphenyl	121		70 - 130				12/19/24 21:28	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4280		49.9		mg/Kg			12/20/24 12:29	5

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0994	U	0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Ethylbenzene	5.40		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Toluene	1.34		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Xylenes, Total	7.57		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
m-Xylene & p-Xylene	4.90		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
o-Xylene	2.67		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130				12/20/24 08:27	12/20/24 14:06	50

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	12/20/24 08:27	12/20/24 14:06	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	14.3		0.199		mg/Kg			12/20/24 14:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3070		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	177		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	2890		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:28	12/20/24 12:23	1
o-Terphenyl	108		70 - 130				12/19/24 21:28	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3660		49.6		mg/Kg			12/20/24 08:36	5

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Ethylbenzene	0.0238		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Toluene	0.00837		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Xylenes, Total	0.0306		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
m-Xylene & p-Xylene	0.0204		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
o-Xylene	0.0102		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	12/20/24 08:33	12/20/24 11:49	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/20/24 08:33	12/20/24 11:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0628		0.00404		mg/Kg			12/20/24 11:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	538		49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Diesel Range Organics (Over C10-C28)	538	F1	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 11:11	1
o-Terphenyl	79		70 - 130				12/19/24 21:30	12/20/24 11:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3350		50.0		mg/Kg			12/20/24 08:43	5

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Ethylbenzene	0.0475		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Toluene	0.0124		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Xylenes, Total	0.0632		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
m-Xylene & p-Xylene	0.0373		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
o-Xylene	0.0259		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				12/20/24 08:33	12/20/24 12:10	1
1,4-Difluorobenzene (Surr)	93		70 - 130				12/20/24 08:33	12/20/24 12:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.123		0.00401		mg/Kg			12/20/24 12:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2710		49.8		mg/Kg			12/20/24 12:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Diesel Range Organics (Over C10-C28)	2710		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 12:00	1
o-Terphenyl	120		70 - 130				12/19/24 21:30	12/20/24 12:00	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1710		50.3		mg/Kg			12/20/24 08:50	5

Client Sample ID: SS 504

Lab Sample ID: 890-7492-15

Date Collected: 12/19/24 11:40

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Ethylbenzene	0.563		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Toluene	0.173		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Xylenes, Total	0.464		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
m-Xylene & p-Xylene	0.290		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
o-Xylene	0.174		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				12/20/24 08:33	12/20/24 13:32	10
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:33	12/20/24 13:32	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.20		0.0398		mg/Kg			12/20/24 13:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 12:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Diesel Range Organics (Over C10-C28)	1510		50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				12/19/24 21:30	12/20/24 12:15	1
o-Terphenyl	97		70 - 130				12/19/24 21:30	12/20/24 12:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2990		50.0		mg/Kg			12/20/24 09:12	5

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 398

Lab Sample ID: 890-7492-16

Date Collected: 12/19/24 11:27

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0262		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Ethylbenzene	0.199		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Toluene	0.168		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Xylenes, Total	0.269		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
m-Xylene & p-Xylene	0.158		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
o-Xylene	0.111		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	12/20/24 08:33	12/20/24 12:30	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:33	12/20/24 12:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.662		0.00399		mg/Kg			12/20/24 12:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3130		49.9		mg/Kg			12/20/24 12:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.1	++	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Diesel Range Organics (Over C10-C28)	3040		49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	12/19/24 21:30	12/20/24 12:31	1
o-Terphenyl	120		70 - 130	12/19/24 21:30	12/20/24 12:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2960		50.1		mg/Kg			12/20/24 09:19	5

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Ethylbenzene	0.0487		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Toluene	0.00442		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Xylenes, Total	0.0402		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
m-Xylene & p-Xylene	0.0276		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
o-Xylene	0.0126		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	12/20/24 08:33	12/20/24 12:51	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	75		70 - 130	12/20/24 08:33	12/20/24 12:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0933		0.00404		mg/Kg			12/20/24 12:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	311		49.8		mg/Kg			12/20/24 12:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Diesel Range Organics (Over C10-C28)	311		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				12/19/24 21:30	12/20/24 12:47	1
o-Terphenyl	77		70 - 130				12/19/24 21:30	12/20/24 12:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.8		9.96		mg/Kg			12/20/24 09:26	1

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Ethylbenzene	0.191		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Toluene	0.110		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Xylenes, Total	0.265		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
m-Xylene & p-Xylene	0.156		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
o-Xylene	0.109		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130	12/20/24 08:33	12/20/24 13:11	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 13:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.566		0.00402		mg/Kg			12/20/24 13:11	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2050		49.9		mg/Kg			12/20/24 13:03	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Diesel Range Organics (Over C10-C28)	2050		49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				12/19/24 21:30	12/20/24 13:03	1
o-Terphenyl	106		70 - 130				12/19/24 21:30	12/20/24 13:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	930		10.0		mg/Kg			12/20/24 09:33	1

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Ethylbenzene	0.00665		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Toluene	0.00205		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Xylenes, Total	0.0105		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
m-Xylene & p-Xylene	0.00628		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
o-Xylene	0.00418		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				12/20/24 08:30	12/20/24 12:07	1
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 12:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0192		0.00404		mg/Kg			12/20/24 12:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	601		49.7		mg/Kg			12/20/24 13:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U **	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Diesel Range Organics (Over C10-C28)	601		49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				12/19/24 21:30	12/20/24 13:20	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 13:20	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3030		49.7		mg/Kg			12/20/24 09:40	5

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Xylenes, Total	0.133		0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
o-Xylene	0.133		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				12/20/24 08:30	12/20/24 12:27	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/20/24 08:30	12/20/24 12:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.133		0.00401		mg/Kg			12/20/24 12:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/20/24 13:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 13:36	1
o-Terphenyl	66	S1-	70 - 130				12/19/24 21:30	12/20/24 13:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		10.0		mg/Kg			12/20/24 09:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Ethylbenzene	0.950		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Toluene	0.199		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Xylenes, Total	1.58		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
m-Xylene & p-Xylene	0.943		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
o-Xylene	0.636		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	193	S1+	70 - 130				12/20/24 08:30	12/20/24 13:28	10
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 13:28	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.73		0.0398		mg/Kg			12/20/24 13:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2110		49.8		mg/Kg			12/20/24 13:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Diesel Range Organics (Over C10-C28)	2110		49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:30	12/20/24 13:52	1
o-Terphenyl	112		70 - 130				12/19/24 21:30	12/20/24 13:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	812		9.98		mg/Kg			12/20/24 10:09	1

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Ethylbenzene	0.0120		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Toluene	0.00377		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Xylenes, Total	0.0233		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
m-Xylene & p-Xylene	0.0102		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
o-Xylene	0.0131		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				12/20/24 08:30	12/20/24 12:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130	12/20/24 08:30	12/20/24 12:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0391		0.00399		mg/Kg			12/20/24 12:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	573		49.8		mg/Kg			12/20/24 14:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Diesel Range Organics (Over C10-C28)	573		49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 14:07	1
o-Terphenyl	78		70 - 130				12/19/24 21:30	12/20/24 14:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2650		50.1		mg/Kg			12/20/24 10:16	5

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Xylenes, Total	0.0889		0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
o-Xylene	0.0889		0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	12/20/24 08:30	12/20/24 13:08	1
1,4-Difluorobenzene (Surr)	91		70 - 130	12/20/24 08:30	12/20/24 13:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0889		0.00404		mg/Kg			12/20/24 13:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 420
Date Collected: 12/19/24 12:22
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-23
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	104		70 - 130				12/19/24 21:32	12/20/24 11:11	1	
o-Terphenyl	109		70 - 130				12/19/24 21:32	12/20/24 11:11	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	162		9.94		mg/Kg			12/20/24 10:38	1	

Surrogate Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
890-7492-1	SS 01	131 S1+	124
890-7492-2	SS 20	128	136 S1+
890-7492-3	SS 64	137 S1+	131 S1+
890-7492-4	SS 80	144 S1+	106
890-7492-5	SS 262	125	122
890-7492-6	SS 320	126	126
890-7492-7	SS 488	106	100
890-7492-8	SS 46	171 S1+	94
890-7492-9	SS 107	107	101
890-7492-10	SS 290	131 S1+	100
890-7492-11	SS 339	122	99
890-7492-12	SS 495	139 S1+	104
890-7492-13	SS 129	109	95
890-7492-14	SS 154	99	93
890-7492-15	SS 504	110	94
890-7492-16	SS 398	141 S1+	96
890-7492-17	SS 183	88	75
890-7492-18	SS 200	159 S1+	93
890-7492-19	SS 435	113	104
890-7492-20	SS 477	98	95
890-7492-21	SS 176	193 S1+	104
890-7492-22	SS 138	115	103
890-7492-23	SS 420	95	91
LCS 880-98432/1-A	Lab Control Sample	101	96
LCS 880-98433/1-A	Lab Control Sample	96	103
LCS 880-98434/1-A	Lab Control Sample	107	104
LCS 880-98435/1-A	Lab Control Sample	106	99
LCSD 880-98432/2-A	Lab Control Sample Dup	103	99
LCSD 880-98433/2-A	Lab Control Sample Dup	94	103
LCSD 880-98434/2-A	Lab Control Sample Dup	109	103
LCSD 880-98435/2-A	Lab Control Sample Dup	108	98
MB 880-98432/5-A	Method Blank	112	85
MB 880-98433/5-A	Method Blank	98	96
MB 880-98434/5-A	Method Blank	111	101
MB 880-98435/5-A	Method Blank	92	93
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1	OTPH1
		(70-130)	(70-130)
890-7492-1	SS 01	83	86
890-7492-2	SS 20	76	77
890-7492-3	SS 64	75	78
890-7492-3 MS	SS 64	78	76

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Surrogate Summary

Client: CDH Consulting

Job ID: 890-7492-1

Project/Site: CLOSE ENCOUNTER 301 H

SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-3 MSD	SS 64	77	76
890-7492-4	SS 80	73	74
890-7492-5	SS 262	70	69 S1-
890-7492-6	SS 320	74	75
890-7492-7	SS 488	75	95
890-7492-8	SS 46	75	81
890-7492-9	SS 107	75	86
890-7492-10	SS 290	85	105
890-7492-11	SS 339	84	121
890-7492-12	SS 495	88	108
890-7492-13	SS 129	84	79
890-7492-13 MS	SS 129	80	81
890-7492-13 MSD	SS 129	79	81
890-7492-14	SS 154	84	120
890-7492-15	SS 504	92	97
890-7492-16	SS 398	85	120
890-7492-17	SS 183	87	77
890-7492-18	SS 200	82	106
890-7492-19	SS 435	77	74
890-7492-20	SS 477	81	66 S1-
890-7492-21	SS 176	88	112
890-7492-22	SS 138	81	78
890-7492-23	SS 420	104	109
890-7492-23 MS	SS 420	92	99
890-7492-23 MSD	SS 420	92	99
LCS 880-98401/2-A	Lab Control Sample	118	102
LCS 880-98402/2-A	Lab Control Sample	121	104
LCS 880-98403/2-A	Lab Control Sample	136 S1+	123
LCS 880-98404/2-A	Lab Control Sample	158 S1+	172 S1+
LCSD 880-98401/3-A	Lab Control Sample Dup	110	95
LCSD 880-98402/3-A	Lab Control Sample Dup	145 S1+	123
LCSD 880-98403/3-A	Lab Control Sample Dup	133 S1+	120
LCSD 880-98404/3-A	Lab Control Sample Dup	166 S1+	175 S1+
MB 880-98401/1-A	Method Blank	81	80
MB 880-98402/1-A	Method Blank	75	75
MB 880-98403/1-A	Method Blank	91	74
MB 880-98404/1-A	Method Blank	93	96
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-98432/5-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	12/20/24 08:24	12/20/24 11:08	1
1,4-Difluorobenzene (Surr)	85		70 - 130	12/20/24 08:24	12/20/24 11:08	1

Lab Sample ID: LCS 880-98432/1-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1137		mg/Kg		114	70 - 130
Ethylbenzene	0.100	0.1107		mg/Kg		111	70 - 130
Toluene	0.100	0.1082		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2221		mg/Kg		111	70 - 130
o-Xylene	0.100	0.1128		mg/Kg		113	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-98432/2-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1182		mg/Kg		118	70 - 130	4	35
Ethylbenzene	0.100	0.1145		mg/Kg		114	70 - 130	3	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2282		mg/Kg		114	70 - 130	3	35
o-Xylene	0.100	0.1165		mg/Kg		117	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	12/20/24 08:27	12/20/24 11:02	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:27	12/20/24 11:02	1

Lab Sample ID: LCS 880-98433/1-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1001		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09410		mg/Kg		94	70 - 130
Toluene	0.100	0.09371		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1885		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09536		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-98433/2-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1048		mg/Kg		105	70 - 130	5	35
Ethylbenzene	0.100	0.09886		mg/Kg		99	70 - 130	5	35
Toluene	0.100	0.09817		mg/Kg		98	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1969		mg/Kg		98	70 - 130	4	35
o-Xylene	0.100	0.09974		mg/Kg		100	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	111		70 - 130				12/20/24 08:30	12/20/24 11:25	1
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:30	12/20/24 11:25	1

Lab Sample ID: LCS 880-98434/1-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits		
		Result	Qualifier						
Benzene	0.100	0.1149		mg/Kg		115	70 - 130		
Ethylbenzene	0.100	0.1100		mg/Kg		110	70 - 130		
Toluene	0.100	0.1116		mg/Kg		112	70 - 130		
m-Xylene & p-Xylene	0.200	0.2234		mg/Kg		112	70 - 130		
o-Xylene	0.100	0.1142		mg/Kg		114	70 - 130		
Surrogate	LCS	LCS	Limits				%Recovery	Qualifier	
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	107		70 - 130						
1,4-Difluorobenzene (Surr)	104		70 - 130						

Lab Sample ID: LCSD 880-98434/2-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.1162		mg/Kg		116	70 - 130	1	35
Ethylbenzene	0.100	0.1102		mg/Kg		110	70 - 130	0	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2247		mg/Kg		112	70 - 130	1	35
o-Xylene	0.100	0.1148		mg/Kg		115	70 - 130	1	35
Surrogate	LCSD	LCSD	Limits				%Recovery	Qualifier	
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	109		70 - 130						
1,4-Difluorobenzene (Surr)	103		70 - 130						

Lab Sample ID: MB 880-98435/5-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98435

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac		
4-Bromofluorobenzene (Surr)	92		70 - 130	12/20/24 08:33	12/20/24 11:07	1			
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 11:07	1			

Lab Sample ID: LCS 880-98435/1-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1025		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.1037		mg/Kg		104	70 - 130
Toluene	0.100	0.1077		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2015		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1117		mg/Kg		112	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-98435/2-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1068		mg/Kg		107	70 - 130	4	35
Ethylbenzene	0.100	0.1065		mg/Kg		107	70 - 130	3	35
Toluene	0.100	0.1103		mg/Kg		110	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2041		mg/Kg		102	70 - 130	1	35
o-Xylene	0.100	0.1136		mg/Kg		114	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-98401/1-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98401

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil	Fac
1-Chlorooctane	81		70 - 130	12/19/24 21:26	12/20/24 00:11	1	
o-Terphenyl	80		70 - 130	12/19/24 21:26	12/20/24 00:11	1	

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98401/2-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98401

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1058		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	960.9		mg/Kg		96	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	118		70 - 130				
o-Terphenyl	102		70 - 130				

Lab Sample ID: LCSD 880-98401/3-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98401

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1005		mg/Kg		101	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	903.5		mg/Kg		90	70 - 130	6	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	110		70 - 130						
o-Terphenyl	95		70 - 130						

Lab Sample ID: MB 880-98402/1-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 98402

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1-Chlorooctane	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	
o-Terphenyl	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	

Lab Sample ID: LCS 880-98402/2-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1061		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1028		mg/Kg		103	70 - 130

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98402/2-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98402

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: LCSD 880-98402/3-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98402

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1288		mg/Kg		129	70 - 130	19	20
Diesel Range Organics (Over C10-C28)			1000	1231		mg/Kg		123	70 - 130	18	20
Surrogate	LCSD	LCSD									
	%Recovery	Qualifier									
1-Chlorooctane	145	S1+									
o-Terphenyl	123										

Lab Sample ID: 890-7492-3 MS
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: SS 64
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	665.3	F1	mg/Kg		67	70 - 130		
Diesel Range Organics (Over C10-C28)	631	F1	998	1155	F1	mg/Kg		53	70 - 130		
Surrogate	MS	MS									
	%Recovery	Qualifier									
1-Chlorooctane	78										
o-Terphenyl	76										

Lab Sample ID: 890-7492-3 MSD
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: SS 64
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	660.4	F1	mg/Kg		66	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	631	F1	998	1141	F1	mg/Kg		51	70 - 130	1	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier									
1-Chlorooctane	77										
o-Terphenyl	76										

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-98403/1-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98403

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				12/19/24 21:30	12/20/24 09:12	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 09:12	1

Lab Sample ID: LCS 880-98403/2-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1333	*+	mg/Kg		133	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1178		mg/Kg		118	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	136	S1+	70 - 130				
o-Terphenyl	123		70 - 130				

Lab Sample ID: LCSD 880-98403/3-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1180		mg/Kg		118	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	1000	1166		mg/Kg		117	70 - 130	1	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	133	S1+	70 - 130						
o-Terphenyl	120		70 - 130						

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	997	729.6		mg/Kg		73	70 - 130
Diesel Range Organics (Over C10-C28)	538	F1	997	1207	F1	mg/Kg		67	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	80		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: 890-7492-13 MSD

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	997	855.4		mg/Kg		86	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	538	F1	997	1282		mg/Kg		75	70 - 130	6	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	79		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: MB 880-98404/1-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98404

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	93		70 - 130	12/19/24 21:32	12/20/24 09:12	1			
o-Terphenyl	96		70 - 130	12/19/24 21:32	12/20/24 09:12	1			

Lab Sample ID: LCS 880-98404/2-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1398	*+	mg/Kg		140	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1468	*+	mg/Kg		147	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	158	S1+	70 - 130
o-Terphenyl	172	S1+	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-98404/3-A
Matrix: Solid
Analysis Batch: 98430

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98404

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1465	*+	mg/Kg		147	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	1590	*+	mg/Kg		159	70 - 130	8	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	166	S1+	70 - 130						
o-Terphenyl	175	S1+	70 - 130						

Lab Sample ID: 890-7492-23 MS
Matrix: Solid
Analysis Batch: 98430

Client Sample ID: SS 420
Prep Type: Total/NA
Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	781.1		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	867.3		mg/Kg		84	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Lab Sample ID: 890-7492-23 MSD
Matrix: Solid
Analysis Batch: 98430

Client Sample ID: SS 420
Prep Type: Total/NA
Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	804.1		mg/Kg		80	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	863.1		mg/Kg		84	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-98374/1-A
Matrix: Solid
Analysis Batch: 98376

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 08:34	1

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-98374/2-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.6		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-98374/3-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	245.0		mg/Kg		98	90 - 110	2	20

Lab Sample ID: 890-7492-2 MS

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1300	F1	1250	3073	F1	mg/Kg		142	90 - 110

Lab Sample ID: 890-7492-2 MSD

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1300	F1	1250	3070	F1	mg/Kg		142	90 - 110	0	20

Lab Sample ID: MB 880-98373/1-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 03:00	1

Lab Sample ID: LCS 880-98373/2-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	258.6		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-98373/3-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	257.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-7492-20 MS

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: SS 477

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	126		257	387.5		mg/Kg		102	90 - 110

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-7492-20 MSD							Client Sample ID: SS 477					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 98377												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	126		248	372.8		mg/Kg		100	90 - 110	4	20	

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA

Analysis Batch: 98350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-2	SS 20	Total/NA	Solid	8021B	98432
890-7492-3	SS 64	Total/NA	Solid	8021B	98432
890-7492-4	SS 80	Total/NA	Solid	8021B	98432
890-7492-5	SS 262	Total/NA	Solid	8021B	98432
890-7492-6	SS 320	Total/NA	Solid	8021B	98432
MB 880-98432/5-A	Method Blank	Total/NA	Solid	8021B	98432
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	8021B	98432
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98432

Analysis Batch: 98351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	8021B	98433
890-7492-8	SS 46	Total/NA	Solid	8021B	98433
890-7492-9	SS 107	Total/NA	Solid	8021B	98433
890-7492-10	SS 290	Total/NA	Solid	8021B	98433
890-7492-11	SS 339	Total/NA	Solid	8021B	98433
890-7492-12	SS 495	Total/NA	Solid	8021B	98433
MB 880-98433/5-A	Method Blank	Total/NA	Solid	8021B	98433
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	8021B	98433
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98433

Analysis Batch: 98352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	8021B	98434
890-7492-20	SS 477	Total/NA	Solid	8021B	98434
890-7492-21	SS 176	Total/NA	Solid	8021B	98434
890-7492-22	SS 138	Total/NA	Solid	8021B	98434
890-7492-23	SS 420	Total/NA	Solid	8021B	98434
MB 880-98434/5-A	Method Blank	Total/NA	Solid	8021B	98434
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	8021B	98434
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98434

Analysis Batch: 98353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8021B	98435
890-7492-14	SS 154	Total/NA	Solid	8021B	98435
890-7492-15	SS 504	Total/NA	Solid	8021B	98435
890-7492-16	SS 398	Total/NA	Solid	8021B	98435
890-7492-17	SS 183	Total/NA	Solid	8021B	98435
890-7492-18	SS 200	Total/NA	Solid	8021B	98435
MB 880-98435/5-A	Method Blank	Total/NA	Solid	8021B	98435
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	8021B	98435
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98435

Prep Batch: 98432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	5035	
890-7492-2	SS 20	Total/NA	Solid	5035	
890-7492-3	SS 64	Total/NA	Solid	5035	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Prep Batch: 98432 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-4	SS 80	Total/NA	Solid	5035	
890-7492-5	SS 262	Total/NA	Solid	5035	
890-7492-6	SS 320	Total/NA	Solid	5035	
MB 880-98432/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	5035	
890-7492-8	SS 46	Total/NA	Solid	5035	
890-7492-9	SS 107	Total/NA	Solid	5035	
890-7492-10	SS 290	Total/NA	Solid	5035	
890-7492-11	SS 339	Total/NA	Solid	5035	
890-7492-12	SS 495	Total/NA	Solid	5035	
MB 880-98433/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	5035	
890-7492-20	SS 477	Total/NA	Solid	5035	
890-7492-21	SS 176	Total/NA	Solid	5035	
890-7492-22	SS 138	Total/NA	Solid	5035	
890-7492-23	SS 420	Total/NA	Solid	5035	
MB 880-98434/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	5035	
890-7492-14	SS 154	Total/NA	Solid	5035	
890-7492-15	SS 504	Total/NA	Solid	5035	
890-7492-16	SS 398	Total/NA	Solid	5035	
890-7492-17	SS 183	Total/NA	Solid	5035	
890-7492-18	SS 200	Total/NA	Solid	5035	
MB 880-98435/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 98498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	Total BTEX	
890-7492-2	SS 20	Total/NA	Solid	Total BTEX	
890-7492-3	SS 64	Total/NA	Solid	Total BTEX	
890-7492-4	SS 80	Total/NA	Solid	Total BTEX	
890-7492-5	SS 262	Total/NA	Solid	Total BTEX	
890-7492-6	SS 320	Total/NA	Solid	Total BTEX	
890-7492-7	SS 488	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Analysis Batch: 98498 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-8	SS 46	Total/NA	Solid	Total BTEX	
890-7492-9	SS 107	Total/NA	Solid	Total BTEX	
890-7492-10	SS 290	Total/NA	Solid	Total BTEX	
890-7492-11	SS 339	Total/NA	Solid	Total BTEX	
890-7492-12	SS 495	Total/NA	Solid	Total BTEX	
890-7492-13	SS 129	Total/NA	Solid	Total BTEX	
890-7492-14	SS 154	Total/NA	Solid	Total BTEX	
890-7492-15	SS 504	Total/NA	Solid	Total BTEX	
890-7492-16	SS 398	Total/NA	Solid	Total BTEX	
890-7492-17	SS 183	Total/NA	Solid	Total BTEX	
890-7492-18	SS 200	Total/NA	Solid	Total BTEX	
890-7492-19	SS 435	Total/NA	Solid	Total BTEX	
890-7492-20	SS 477	Total/NA	Solid	Total BTEX	
890-7492-21	SS 176	Total/NA	Solid	Total BTEX	
890-7492-22	SS 138	Total/NA	Solid	Total BTEX	
890-7492-23	SS 420	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 98401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015NM Prep	
890-7492-2	SS 20	Total/NA	Solid	8015NM Prep	
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 98402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-4	SS 80	Total/NA	Solid	8015NM Prep	
890-7492-5	SS 262	Total/NA	Solid	8015NM Prep	
890-7492-6	SS 320	Total/NA	Solid	8015NM Prep	
890-7492-7	SS 488	Total/NA	Solid	8015NM Prep	
890-7492-8	SS 46	Total/NA	Solid	8015NM Prep	
890-7492-9	SS 107	Total/NA	Solid	8015NM Prep	
890-7492-10	SS 290	Total/NA	Solid	8015NM Prep	
890-7492-11	SS 339	Total/NA	Solid	8015NM Prep	
890-7492-12	SS 495	Total/NA	Solid	8015NM Prep	
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-3 MS	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-3 MSD	SS 64	Total/NA	Solid	8015NM Prep	

Prep Batch: 98403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-14	SS 154	Total/NA	Solid	8015NM Prep	
890-7492-15	SS 504	Total/NA	Solid	8015NM Prep	
890-7492-16	SS 398	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Prep Batch: 98403 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-17	SS 183	Total/NA	Solid	8015NM Prep	
890-7492-18	SS 200	Total/NA	Solid	8015NM Prep	
890-7492-19	SS 435	Total/NA	Solid	8015NM Prep	
890-7492-20	SS 477	Total/NA	Solid	8015NM Prep	
890-7492-21	SS 176	Total/NA	Solid	8015NM Prep	
890-7492-22	SS 138	Total/NA	Solid	8015NM Prep	
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-13 MS	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-13 MSD	SS 129	Total/NA	Solid	8015NM Prep	

Prep Batch: 98404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015NM Prep	
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-23 MS	SS 420	Total/NA	Solid	8015NM Prep	
890-7492-23 MSD	SS 420	Total/NA	Solid	8015NM Prep	

Analysis Batch: 98423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015B NM	98401
890-7492-2	SS 20	Total/NA	Solid	8015B NM	98401
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015B NM	98401
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98401
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98401

Analysis Batch: 98425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-4	SS 80	Total/NA	Solid	8015B NM	98402
890-7492-5	SS 262	Total/NA	Solid	8015B NM	98402
890-7492-6	SS 320	Total/NA	Solid	8015B NM	98402
890-7492-7	SS 488	Total/NA	Solid	8015B NM	98402
890-7492-8	SS 46	Total/NA	Solid	8015B NM	98402
890-7492-9	SS 107	Total/NA	Solid	8015B NM	98402
890-7492-10	SS 290	Total/NA	Solid	8015B NM	98402
890-7492-11	SS 339	Total/NA	Solid	8015B NM	98402
890-7492-12	SS 495	Total/NA	Solid	8015B NM	98402
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015B NM	98402
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98402
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98402
890-7492-3 MS	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-3 MSD	SS 64	Total/NA	Solid	8015B NM	98402

Analysis Batch: 98427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-14	SS 154	Total/NA	Solid	8015B NM	98403

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Analysis Batch: 98427 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-15	SS 504	Total/NA	Solid	8015B NM	98403
890-7492-16	SS 398	Total/NA	Solid	8015B NM	98403
890-7492-17	SS 183	Total/NA	Solid	8015B NM	98403
890-7492-18	SS 200	Total/NA	Solid	8015B NM	98403
890-7492-19	SS 435	Total/NA	Solid	8015B NM	98403
890-7492-20	SS 477	Total/NA	Solid	8015B NM	98403
890-7492-21	SS 176	Total/NA	Solid	8015B NM	98403
890-7492-22	SS 138	Total/NA	Solid	8015B NM	98403
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015B NM	98403
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98403
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98403
890-7492-13 MS	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-13 MSD	SS 129	Total/NA	Solid	8015B NM	98403

Analysis Batch: 98430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015B NM	98404
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015B NM	98404
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98404
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98404
890-7492-23 MS	SS 420	Total/NA	Solid	8015B NM	98404
890-7492-23 MSD	SS 420	Total/NA	Solid	8015B NM	98404

Analysis Batch: 98523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015 NM	
890-7492-2	SS 20	Total/NA	Solid	8015 NM	
890-7492-3	SS 64	Total/NA	Solid	8015 NM	
890-7492-4	SS 80	Total/NA	Solid	8015 NM	
890-7492-5	SS 262	Total/NA	Solid	8015 NM	
890-7492-6	SS 320	Total/NA	Solid	8015 NM	
890-7492-7	SS 488	Total/NA	Solid	8015 NM	
890-7492-8	SS 46	Total/NA	Solid	8015 NM	
890-7492-9	SS 107	Total/NA	Solid	8015 NM	
890-7492-10	SS 290	Total/NA	Solid	8015 NM	
890-7492-11	SS 339	Total/NA	Solid	8015 NM	
890-7492-12	SS 495	Total/NA	Solid	8015 NM	
890-7492-13	SS 129	Total/NA	Solid	8015 NM	
890-7492-14	SS 154	Total/NA	Solid	8015 NM	
890-7492-15	SS 504	Total/NA	Solid	8015 NM	
890-7492-16	SS 398	Total/NA	Solid	8015 NM	
890-7492-17	SS 183	Total/NA	Solid	8015 NM	
890-7492-18	SS 200	Total/NA	Solid	8015 NM	
890-7492-19	SS 435	Total/NA	Solid	8015 NM	
890-7492-20	SS 477	Total/NA	Solid	8015 NM	
890-7492-21	SS 176	Total/NA	Solid	8015 NM	
890-7492-22	SS 138	Total/NA	Solid	8015 NM	
890-7492-23	SS 420	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC

Leach Batch: 98373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	DI Leach	
890-7492-13	SS 129	Soluble	Solid	DI Leach	
890-7492-14	SS 154	Soluble	Solid	DI Leach	
890-7492-15	SS 504	Soluble	Solid	DI Leach	
890-7492-16	SS 398	Soluble	Solid	DI Leach	
890-7492-17	SS 183	Soluble	Solid	DI Leach	
890-7492-18	SS 200	Soluble	Solid	DI Leach	
890-7492-19	SS 435	Soluble	Solid	DI Leach	
890-7492-20	SS 477	Soluble	Solid	DI Leach	
890-7492-21	SS 176	Soluble	Solid	DI Leach	
890-7492-22	SS 138	Soluble	Solid	DI Leach	
890-7492-23	SS 420	Soluble	Solid	DI Leach	
MB 880-98373/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-20 MS	SS 477	Soluble	Solid	DI Leach	
890-7492-20 MSD	SS 477	Soluble	Solid	DI Leach	

Leach Batch: 98374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	DI Leach	
890-7492-2	SS 20	Soluble	Solid	DI Leach	
890-7492-3	SS 64	Soluble	Solid	DI Leach	
890-7492-4	SS 80	Soluble	Solid	DI Leach	
890-7492-5	SS 262	Soluble	Solid	DI Leach	
890-7492-6	SS 320	Soluble	Solid	DI Leach	
890-7492-7	SS 488	Soluble	Solid	DI Leach	
890-7492-8	SS 46	Soluble	Solid	DI Leach	
890-7492-9	SS 107	Soluble	Solid	DI Leach	
890-7492-10	SS 290	Soluble	Solid	DI Leach	
890-7492-11	SS 339	Soluble	Solid	DI Leach	
MB 880-98374/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-2 MS	SS 20	Soluble	Solid	DI Leach	
890-7492-2 MSD	SS 20	Soluble	Solid	DI Leach	

Analysis Batch: 98376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	300.0	98374
890-7492-2	SS 20	Soluble	Solid	300.0	98374
890-7492-3	SS 64	Soluble	Solid	300.0	98374
890-7492-4	SS 80	Soluble	Solid	300.0	98374
890-7492-5	SS 262	Soluble	Solid	300.0	98374
890-7492-6	SS 320	Soluble	Solid	300.0	98374
890-7492-7	SS 488	Soluble	Solid	300.0	98374
890-7492-8	SS 46	Soluble	Solid	300.0	98374
890-7492-9	SS 107	Soluble	Solid	300.0	98374
890-7492-10	SS 290	Soluble	Solid	300.0	98374
890-7492-11	SS 339	Soluble	Solid	300.0	98374
MB 880-98374/1-A	Method Blank	Soluble	Solid	300.0	98374

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC (Continued)

Analysis Batch: 98376 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	300.0	98374
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98374
890-7492-2 MS	SS 20	Soluble	Solid	300.0	98374
890-7492-2 MSD	SS 20	Soluble	Solid	300.0	98374

Analysis Batch: 98377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	300.0	98373
890-7492-13	SS 129	Soluble	Solid	300.0	98373
890-7492-14	SS 154	Soluble	Solid	300.0	98373
890-7492-15	SS 504	Soluble	Solid	300.0	98373
890-7492-16	SS 398	Soluble	Solid	300.0	98373
890-7492-17	SS 183	Soluble	Solid	300.0	98373
890-7492-18	SS 200	Soluble	Solid	300.0	98373
890-7492-19	SS 435	Soluble	Solid	300.0	98373
890-7492-20	SS 477	Soluble	Solid	300.0	98373
890-7492-21	SS 176	Soluble	Solid	300.0	98373
890-7492-22	SS 138	Soluble	Solid	300.0	98373
890-7492-23	SS 420	Soluble	Solid	300.0	98373
MB 880-98373/1-A	Method Blank	Soluble	Solid	300.0	98373
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	300.0	98373
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98373
890-7492-20 MS	SS 477	Soluble	Solid	300.0	98373
890-7492-20 MSD	SS 477	Soluble	Solid	300.0	98373

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01
Date Collected: 12/19/24 08:20
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 11:51
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		5	98350	MNR	EET MID	12/20/24 13:55
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:55
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		20	98376	CH	EET MID	12/20/24 10:49

Client Sample ID: SS 20
Date Collected: 12/19/24 08:36
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:15
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:15
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 10:58

Client Sample ID: SS 64
Date Collected: 12/19/24 08:47
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 12:33
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:33
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 09:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 09:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:54

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Date Collected: 12/19/24 08:53

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:36
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:36
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:24
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:24
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:30

Client Sample ID: SS 262

Date Collected: 12/19/24 08:59

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		50	98350	MNR	EET MID	12/20/24 13:14
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:14
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:38
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:38
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:48

Client Sample ID: SS 320

Date Collected: 12/19/24 09:04

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		25	98350	MNR	EET MID	12/20/24 13:34
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:34
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:53
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:53
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:59

Client Sample ID: SS 488

Date Collected: 12/19/24 09:12

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		100	98351	MNR	EET MID	12/20/24 12:24
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:24

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488**Lab Sample ID: 890-7492-7****Date Collected: 12/19/24 09:12****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:08
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:08
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:06

Client Sample ID: SS 46**Lab Sample ID: 890-7492-8****Date Collected: 12/19/24 10:15****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 12:45
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:45
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:25
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:25
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:11

Client Sample ID: SS 107**Lab Sample ID: 890-7492-9****Date Collected: 12/19/24 10:22****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:05
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:05
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:17

Client Sample ID: SS 290**Lab Sample ID: 890-7492-10****Date Collected: 12/19/24 10:30****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:25
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:25
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:54
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:54

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 290

Date Collected: 12/19/24 10:30

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:23

Client Sample ID: SS 339

Date Collected: 12/19/24 10:37

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:46
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:46
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:29

Client Sample ID: SS 495

Date Collected: 12/19/24 10:44

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 14:06
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:06
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:36

Client Sample ID: SS 129

Date Collected: 12/19/24 11:07

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 11:49
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 11:49
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:43

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154
Date Collected: 12/19/24 11:19
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:10
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:10
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:00
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:00
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:50

Client Sample ID: SS 504
Date Collected: 12/19/24 11:40
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		10	98353	MNR	EET MID	12/20/24 13:32
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:32
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:15
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:15
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:12

Client Sample ID: SS 398
Date Collected: 12/19/24 11:27
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:30
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:30
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:31
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:31
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:19

Client Sample ID: SS 183
Date Collected: 12/19/24 11:44
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:51
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:51

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:47
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:47
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:26

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 13:11
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:11
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:03
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:03
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:33

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:07
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:07
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:20
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:20
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:40

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:27
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:27
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:36
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:36

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:48

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		10	98352	MNR	EET MID	12/20/24 13:28
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:28
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:52
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:52
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:09

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:48
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:48
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 14:07
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 14:07
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 10:16

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 13:08
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:08
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98404	EL	EET MID	12/19/24 21:32
Total/NA	Analysis	8015B NM		1	98430	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:38

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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- 2
- 3
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Accreditation/Certification Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
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Method Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7492-1	SS 01	Solid	12/19/24 08:20	12/19/24 15:45	- SURFACE
890-7492-2	SS 20	Solid	12/19/24 08:36	12/19/24 15:45	- SURFACE
890-7492-3	SS 64	Solid	12/19/24 08:47	12/19/24 15:45	- SURFACE
890-7492-4	SS 80	Solid	12/19/24 08:53	12/19/24 15:45	- SURFACE
890-7492-5	SS 262	Solid	12/19/24 08:59	12/19/24 15:45	- SURFACE
890-7492-6	SS 320	Solid	12/19/24 09:04	12/19/24 15:45	- SURFACE
890-7492-7	SS 488	Solid	12/19/24 09:12	12/19/24 15:45	- SURFACE
890-7492-8	SS 46	Solid	12/19/24 10:15	12/19/24 15:45	- SURFACE
890-7492-9	SS 107	Solid	12/19/24 10:22	12/19/24 15:45	- SURFACE
890-7492-10	SS 290	Solid	12/19/24 10:30	12/19/24 15:45	- SURFACE
890-7492-11	SS 339	Solid	12/19/24 10:37	12/19/24 15:45	- SURFACE
890-7492-12	SS 495	Solid	12/19/24 10:44	12/19/24 15:45	- SURFACE
890-7492-13	SS 129	Solid	12/19/24 11:07	12/19/24 15:45	- SURFACE
890-7492-14	SS 154	Solid	12/19/24 11:19	12/19/24 15:45	- SURFACE
890-7492-15	SS 504	Solid	12/19/24 11:40	12/19/24 15:45	- SURFACE
890-7492-16	SS 398	Solid	12/19/24 11:27	12/19/24 15:45	- SURFACE
890-7492-17	SS 183	Solid	12/19/24 11:44	12/19/24 15:45	- SURFACE
890-7492-18	SS 200	Solid	12/19/24 11:49	12/19/24 15:45	- SURFACE
890-7492-19	SS 435	Solid	12/19/24 11:53	12/19/24 15:45	- SURFACE
890-7492-20	SS 477	Solid	12/19/24 12:02	12/19/24 15:45	- SURFACE
890-7492-21	SS 176	Solid	12/19/24 12:07	12/19/24 15:45	- SURFACE
890-7492-22	SS 138	Solid	12/19/24 12:17	12/19/24 15:45	- SURFACE
890-7492-23	SS 420	Solid	12/19/24 12:22	12/19/24 15:45	- SURFACE



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
 Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
 EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
 Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 1 of 3

Project Manager: <u>Michael Wicker</u>		Bill to: (if different)		<u>CDH Consulting</u>	
Company Name: <u>Certo</u>		Company Name:		Program: ☐ PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
Address:		Address:		State of Project:	
City, State ZIP:		City, State ZIP:		Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Phone: <u>506-970-8459</u>		Email: <u>mwicker@cdhconsult.com</u>		Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name: <u>Close Encounter 30114</u>		Turn Around		Preservative Codes	
		☐ Routine	☒ Rush	None: NO	DI Water: H ₂ O
Project Number:		Due Date: <u>12-20-2024</u>		Cool: Cool	MeOH: Me
Project Location: <u>Buckeye, NM</u>		TAT starts the day received by the lab, if received by 4:30pm		HCL: HC	HNO ₃
Sampler's Name: <u>Dakotah Cueto</u>				H ₂ SO ₄ : H ₂	NaOH: Na
PO #:				H ₃ PO ₄ : HP	
SAMPLE RECEIPT		Temp Blank: Yes ☒ No ☐	Wet Ice: Yes ☒ No ☐	NaHSO ₄ : NABIS	
Samples Received Intact: Yes ☒ No ☐		Thermometer ID: <u>Tuner</u>		Na ₂ S ₂ O ₃ : NaSO ₃	
Cooler Custody Seals: Yes ☒ No ☐		Correction Factor: <u>-0.2</u>		Zn Acetate+NaOH: Zn	
Sample Custody Seals: Yes ☒ No ☐		Temperature Reading: <u>5.8</u>		NaOH+Ascorbic Acid: SAPC	
Total Containers: <u>5.0</u>		Corrected Temperature: <u>5.0</u>			

Sample Identification		Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Sample Comments
SS01	S	12-19-24	08:20	Surf	C	1	
SS20	S		08:36		C	1	
SS64	S		08:47		C	1	
SS80	S		08:53		C	1	
SS262	S		08:59		C	1	
SS320	S		09:04		C	1	
SS488	S		09:12		C	1	
SS46	S		10:15		C	1	
SS107	S		10:22		C	1	
SS290	S		10:30		C	1	

Total 200.7 / 6010		200.8 / 6020:		8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn	
Circle Method(s) and Metal(s) to be analyzed		TCPLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U		Hg: 1631 / 245.1 / 7470 / 7471	

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
<u>Dakotah Cueto</u>	<u>[Signature]</u>		
3	4		
5	6		



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 505-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 2 of 3

Project Manager: Michael Wicker		Bill to: (if different)		Work Order Comments		
Company Name: CETO		Company Name:		Program: ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐		
Address:		Address:		State of Project:		
City, State ZIP:		City, State ZIP:		Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐		
Phone:		Email: mwicker@cetoconsult.com		Deliverables: EDD ☐ ADAPT ☐ Other:		
Project Name: Close Encounters Golf		Turn Around		ANALYSIS REQUEST		
Project Number:		☐ Routine ☒ Rush		Preservative Codes		
Project Location: Buellville, NM		Due Date: 12-20-2024		None: NO DI Water: H ₂ O		
Sampler's Name: Dakotaiah Cueto		TAT starts the day received by the lab, if received by 4:30pm		Cool: Cool MeOH: Me		
PO #:				HCL: HC HNO ₃		
SAMPLE RECEIPT		Temp Blank: Yes No		H ₂ SO ₄ : H ₂ NaOH: Na		
Samples Received Intact: Yes No		Thermometer ID:		H ₃ PO ₄ : HP		
Cooler Custody Seals: Yes No N/A		Correction Factor:		NaHSO ₄ : NABIS		
Sample Custody Seals: Yes No N/A		Temperature Reading:		Na ₂ S ₂ O ₃ : NaSO ₃		
Total Containers:		Corrected Temperature:		Zn Acetate+NaOH: Zn		
				NaOH+Ascorbic Acid: SAPC		
Sample Identification		Date Sampled		Time Sampled		
Matrix		Depth		# of Cont		
Grab/Comp		Time		Sample Comments		
SS339		12/19/2024		10:37		C 1
SS495		10:44		C 1		
SS129		11:07		C 1		
SS154		11:19		C 1		
SS504		11:40		C 1		
SS398		11:27		C 1		
SS183		11:44		C 1		
SS200		11:49		C 1		
SS435		11:53		C 1		
SS477		12:02		C 1		
Total 200.7 / 6010 200.8 / 6020:		8RCRA 13PPM Texas 11		Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn		
Circle Method(s) and Meta(s) to be analyzed		TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U		Hg: 1631 / 245.1 / 7470 / 7471		
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.		Relinquished by: (Signature)		Received by: (Signature)		
1 Dakotaiah Cueto		Date/Time		Date/Time		
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5		6		6		

Revised Date: 08/25/2020 Rev. 2020.2

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 3 of 3

Project Manager: Michael Wicker		Bill to: (if different)		C24 Consulting	
Company Name: C24		Company Name:		Program: ☐ UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
Address:		Address:		State of Project:	
City, State ZIP:		City, State ZIP:		Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Phone: 616-970-8469		Email: mwicker@c24consult.com		Deliverables: EDD ☐ ADaPT ☐ Other:	
Project Name: Close Encounter 301H		Turn Around		ANALYSIS REQUEST	
Project Number:		☐ Routine ☒ Rush		Preservative Codes	
Project Location: Buckeye, NM		Due Date: 12-20-2024		None: NO DI Water: H ₂ O	
Sampler's Name: Doraedah Ceto		TAT starts the day received by the lab, if received by 4:30pm		Cool: Cool MeOH: Me	
PO #:				HCL: HC HNO ₃	
SAMPLE RECEIPT		Temp Blank: Yes No		H ₂ SO ₄ : H ₂ NaOH: Na	
Samples Received Intact: Yes No		Thermometer ID:		H ₃ PO ₄ : HP	
Cooler Custody Seals: Yes No N/A		Correction Factor:		NaHSO ₄ : NABIS	
Sample Custody Seals: Yes No N/A		Temperature Reading:		Na ₂ S ₂ O ₃ : NaSO ₃	
Total Containers:		Corrected Temperature:		Zn Acetate+NaOH: Zn	
Sample Identification		Date Sampled		NaOH+Ascorbic Acid: SAPC	
Matrix		Depth		Sample Comments	
SS176		10:07 surf			
SS138		10:17			
SS420		10:20			
Total 200.7 / 6010 200.8 / 6020:		8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn			
Circle Method(s) and Metal(s) to be analyzed		TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471			
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.					
Relinquished by: (Signature)		Received by: (Signature)		Date/Time	
1 Doraedah Ceto		2			
3		4			
5		6			

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Source: Eurofins Midland

List Number: 2

List Creation: 12/19/24 09:21 PM

Creator: Laing, Edmundo

Question	Answer	Comment
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time (excluding tests with immediate HTs)		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").		



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ANALYTICAL REPORT

PREPARED FOR

Attn: Michael Wicker
CDH Consulting
9446 Clermont St,
Thornton, Colorado 80229
Generated 12/20/2024 3:02:55 PM

JOB DESCRIPTION

CLOSE ENCOUNTER 301 H
BUCKEYE

JOB NUMBER

890-7492-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

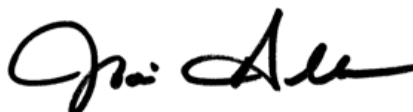
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
12/20/2024 3:02:55 PM

Authorized for release by
Jodi Allen, Project Manager I
Jodi.Allen@et.eurofinsus.com
(281)520-2865

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Laboratory Job ID: 890-7492-1
SDG: BUCKEYE

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Definitions/Glossary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1

Eurofins Carlsbad

Job Narrative
890-7492-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 12/19/2024 3:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 64 (890-7492-3), SS 80 (890-7492-4), SS 262 (890-7492-5), SS 320 (890-7492-6), SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11), SS 495 (890-7492-12), SS 129 (890-7492-13), SS 154 (890-7492-14), SS 504 (890-7492-15), SS 398 (890-7492-16), SS 183 (890-7492-17), SS 200 (890-7492-18), SS 435 (890-7492-19), SS 477 (890-7492-20), SS 176 (890-7492-21), SS 138 (890-7492-22) and SS 420 (890-7492-23).

GC VOA

Method 8021B: The following samples were diluted due to physical characteristics such as color, odor, appearance, viscosity, etc. >>: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 80 (890-7492-4), SS 262 (890-7492-5) and SS 320 (890-7492-6). Elevated reporting limits (RL) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 01 (890-7492-1), SS 20 (890-7492-2) and SS 64 (890-7492-3). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 398 (890-7492-16) and SS 200 (890-7492-18). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SS 176 (890-7492-21). Evidence of matrix interferences is not obvious.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11) and SS 495 (890-7492-12). Elevated reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 46 (890-7492-8), SS 290 (890-7492-10) and SS 495 (890-7492-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: SS 504 (890-7492-15). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-98402/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98402 and analytical batch 880-98425 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within

Eurofins Carlsbad

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1 (Continued)

Eurofins Carlsbad

acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SS 262 (890-7492-5). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Due to the high concentration of Diesel Range Organics (Over C10-C28), the matrix spike (MS) for preparation batch 880-98403 and analytical batch 880-98427 could not be evaluated for accuracy. The associated matrix spike duplicate (MSD) met acceptance criteria.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SS 477 (890-7492-20), (LCS 880-98403/2-A) and (LCSD 880-98403/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The method blank for preparation batch 880-98404 and analytical batch 880-98430 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-98404/2-A) and (LCSD 880-98404/3-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-98404 and analytical batch 880-98430 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The laboratory control sample (LCS) for preparation batch 880-98403 and analytical batch 880-98427 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10. Since only an acceptable LCSD is required per the method, the LCSD shows recovery for the batch and the data has been qualified and reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98374 and analytical batch 880-98376 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01

Lab Sample ID: 890-7492-1

Date Collected: 12/19/24 08:20

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0101	U	0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Ethylbenzene	0.0947		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Toluene	0.0306		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Xylenes, Total	1.81		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
m-Xylene & p-Xylene	0.0449		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
o-Xylene	1.77		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:24	12/20/24 11:51	20
1,4-Difluorobenzene (Surr)	124		70 - 130				12/20/24 08:24	12/20/24 11:51	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.94		0.0202		mg/Kg			12/20/24 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	287		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	287		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				12/19/24 21:26	12/20/24 12:09	1
o-Terphenyl	86		70 - 130				12/19/24 21:26	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17600		199		mg/Kg			12/20/24 10:49	20

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Ethylbenzene	0.0420		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Toluene	0.0216		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Xylenes, Total	0.350		0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
m-Xylene & p-Xylene	<0.0401	U	0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
o-Xylene	0.350		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				12/20/24 08:24	12/20/24 14:15	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	136	S1+	70 - 130	12/20/24 08:24	12/20/24 14:15	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.414		0.0401		mg/Kg			12/20/24 14:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	110		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	110		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				12/19/24 21:26	12/20/24 12:23	1
o-Terphenyl	77		70 - 130				12/19/24 21:26	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300	F1	49.9		mg/Kg			12/20/24 10:58	5

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Ethylbenzene	0.242		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Toluene	0.0581		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Xylenes, Total	0.781		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
m-Xylene & p-Xylene	0.189		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
o-Xylene	0.592		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20
1,4-Difluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.08		0.0795		mg/Kg			12/20/24 12:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	631		50.0		mg/Kg			12/20/24 09:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Diesel Range Organics (Over C10-C28)	631	F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 09:40	1
o-Terphenyl	78		70 - 130				12/19/24 21:28	12/20/24 09:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3110		50.2		mg/Kg			12/20/24 11:54	5

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Ethylbenzene	0.0344		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Toluene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Xylenes, Total	0.680		0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
m-Xylene & p-Xylene	<0.0399	U	0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
o-Xylene	0.680		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				12/20/24 08:24	12/20/24 14:36	10
1,4-Difluorobenzene (Surr)	106		70 - 130				12/20/24 08:24	12/20/24 14:36	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.714		0.0399		mg/Kg			12/20/24 14:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	188		50.0		mg/Kg			12/20/24 10:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Diesel Range Organics (Over C10-C28)	188		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				12/19/24 21:28	12/20/24 10:24	1
o-Terphenyl	74		70 - 130				12/19/24 21:28	12/20/24 10:24	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3070		100		mg/Kg			12/20/24 11:30	10

Client Sample ID: SS 262

Lab Sample ID: 890-7492-5

Date Collected: 12/19/24 08:59

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Ethylbenzene	0.966		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Toluene	0.415		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Xylenes, Total	1.51		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
m-Xylene & p-Xylene	0.756		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
o-Xylene	0.754		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				12/20/24 08:24	12/20/24 13:14	50
1,4-Difluorobenzene (Surr)	122		70 - 130				12/20/24 08:24	12/20/24 13:14	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.89		0.202		mg/Kg			12/20/24 13:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	463		50.0		mg/Kg			12/20/24 10:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Diesel Range Organics (Over C10-C28)	463		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				12/19/24 21:28	12/20/24 10:38	1
o-Terphenyl	69	S1-	70 - 130				12/19/24 21:28	12/20/24 10:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4470		99.4		mg/Kg			12/20/24 11:48	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 320

Lab Sample ID: 890-7492-6

Date Collected: 12/19/24 09:04

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0503	U	0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Ethylbenzene	0.537		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Toluene	0.125		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Xylenes, Total	1.20		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
m-Xylene & p-Xylene	0.454		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
o-Xylene	0.746		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				12/20/24 08:24	12/20/24 13:34	25
1,4-Difluorobenzene (Surr)	126		70 - 130				12/20/24 08:24	12/20/24 13:34	25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.86		0.101		mg/Kg			12/20/24 13:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	876		49.7		mg/Kg			12/20/24 10:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Diesel Range Organics (Over C10-C28)	876		49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				12/19/24 21:28	12/20/24 10:53	1
o-Terphenyl	75		70 - 130				12/19/24 21:28	12/20/24 10:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3410		49.8		mg/Kg			12/20/24 11:59	5

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.199	U	0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Ethylbenzene	1.92		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Toluene	0.602		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Xylenes, Total	3.04		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
m-Xylene & p-Xylene	1.78		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
o-Xylene	1.26		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				12/20/24 08:27	12/20/24 12:24	100

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	100		70 - 130	12/20/24 08:27	12/20/24 12:24	100

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	5.56		0.398		mg/Kg			12/20/24 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2500		49.8		mg/Kg			12/20/24 11:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.7		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Diesel Range Organics (Over C10-C28)	2410		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:08	1
o-Terphenyl	95		70 - 130				12/19/24 21:28	12/20/24 11:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3680		49.6		mg/Kg			12/20/24 12:06	5

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.11		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Ethylbenzene	9.28		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Toluene	7.96		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Xylenes, Total	10.9		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
m-Xylene & p-Xylene	6.88		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
o-Xylene	4.05		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130				12/20/24 08:27	12/20/24 12:45	50
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:27	12/20/24 12:45	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	29.3		0.200		mg/Kg			12/20/24 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1330		49.9		mg/Kg			12/20/24 11:25	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	95.0		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Diesel Range Organics (Over C10-C28)	1230		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:25	1
o-Terphenyl	81		70 - 130				12/19/24 21:28	12/20/24 11:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5420		101		mg/Kg			12/20/24 12:11	10

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Ethylbenzene	1.52		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Toluene	0.807		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Xylenes, Total	4.70		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
m-Xylene & p-Xylene	3.88		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
o-Xylene	0.815		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				12/20/24 08:27	12/20/24 13:05	50
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:27	12/20/24 13:05	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	7.02		0.202		mg/Kg			12/20/24 13:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	60.0		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Diesel Range Organics (Over C10-C28)	1450		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:40	1
o-Terphenyl	86		70 - 130				12/19/24 21:28	12/20/24 11:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5250		99.4		mg/Kg			12/20/24 12:17	10

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.151		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Ethylbenzene	3.30		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Toluene	1.75		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Xylenes, Total	4.33		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
m-Xylene & p-Xylene	2.60		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
o-Xylene	1.73		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:27	12/20/24 13:25	50
1,4-Difluorobenzene (Surr)	100		70 - 130				12/20/24 08:27	12/20/24 13:25	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	9.53		0.201		mg/Kg			12/20/24 13:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2470		49.8		mg/Kg			12/20/24 11:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	129		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Diesel Range Organics (Over C10-C28)	2340		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				12/19/24 21:28	12/20/24 11:54	1
o-Terphenyl	105		70 - 130				12/19/24 21:28	12/20/24 11:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5400		99.8		mg/Kg			12/20/24 12:23	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.106		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Ethylbenzene	3.81		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Toluene	1.12		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Xylenes, Total	5.28		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
m-Xylene & p-Xylene	3.48		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
o-Xylene	1.80		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				12/20/24 08:27	12/20/24 13:46	50
1,4-Difluorobenzene (Surr)	99		70 - 130				12/20/24 08:27	12/20/24 13:46	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	10.3		0.200		mg/Kg			12/20/24 13:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3950		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	154		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	3800		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:28	12/20/24 12:09	1
o-Terphenyl	121		70 - 130				12/19/24 21:28	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4280		49.9		mg/Kg			12/20/24 12:29	5

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0994	U	0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Ethylbenzene	5.40		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Toluene	1.34		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Xylenes, Total	7.57		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
m-Xylene & p-Xylene	4.90		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
o-Xylene	2.67		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130				12/20/24 08:27	12/20/24 14:06	50

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	12/20/24 08:27	12/20/24 14:06	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	14.3		0.199		mg/Kg			12/20/24 14:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3070		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	177		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	2890		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:28	12/20/24 12:23	1
o-Terphenyl	108		70 - 130				12/19/24 21:28	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3660		49.6		mg/Kg			12/20/24 08:36	5

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Ethylbenzene	0.0238		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Toluene	0.00837		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Xylenes, Total	0.0306		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
m-Xylene & p-Xylene	0.0204		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
o-Xylene	0.0102		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	12/20/24 08:33	12/20/24 11:49	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/20/24 08:33	12/20/24 11:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0628		0.00404		mg/Kg			12/20/24 11:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	538		49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Diesel Range Organics (Over C10-C28)	538	F1	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 11:11	1
o-Terphenyl	79		70 - 130				12/19/24 21:30	12/20/24 11:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3350		50.0		mg/Kg			12/20/24 08:43	5

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Ethylbenzene	0.0475		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Toluene	0.0124		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Xylenes, Total	0.0632		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
m-Xylene & p-Xylene	0.0373		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
o-Xylene	0.0259		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				12/20/24 08:33	12/20/24 12:10	1
1,4-Difluorobenzene (Surr)	93		70 - 130				12/20/24 08:33	12/20/24 12:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.123		0.00401		mg/Kg			12/20/24 12:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2710		49.8		mg/Kg			12/20/24 12:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Diesel Range Organics (Over C10-C28)	2710		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 12:00	1
o-Terphenyl	120		70 - 130				12/19/24 21:30	12/20/24 12:00	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1710		50.3		mg/Kg			12/20/24 08:50	5

Client Sample ID: SS 504

Lab Sample ID: 890-7492-15

Date Collected: 12/19/24 11:40

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Ethylbenzene	0.563		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Toluene	0.173		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Xylenes, Total	0.464		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
m-Xylene & p-Xylene	0.290		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
o-Xylene	0.174		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				12/20/24 08:33	12/20/24 13:32	10
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:33	12/20/24 13:32	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.20		0.0398		mg/Kg			12/20/24 13:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 12:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Diesel Range Organics (Over C10-C28)	1510		50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				12/19/24 21:30	12/20/24 12:15	1
o-Terphenyl	97		70 - 130				12/19/24 21:30	12/20/24 12:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2990		50.0		mg/Kg			12/20/24 09:12	5

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 398

Lab Sample ID: 890-7492-16

Date Collected: 12/19/24 11:27

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0262		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Ethylbenzene	0.199		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Toluene	0.168		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Xylenes, Total	0.269		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
m-Xylene & p-Xylene	0.158		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
o-Xylene	0.111		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130				12/20/24 08:33	12/20/24 12:30	1
1,4-Difluorobenzene (Surr)	96		70 - 130				12/20/24 08:33	12/20/24 12:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.662		0.00399		mg/Kg			12/20/24 12:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3130		49.9		mg/Kg			12/20/24 12:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.1	*+	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Diesel Range Organics (Over C10-C28)	3040		49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				12/19/24 21:30	12/20/24 12:31	1
o-Terphenyl	120		70 - 130				12/19/24 21:30	12/20/24 12:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2960		50.1		mg/Kg			12/20/24 09:19	5

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Ethylbenzene	0.0487		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Toluene	0.00442		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Xylenes, Total	0.0402		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
m-Xylene & p-Xylene	0.0276		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
o-Xylene	0.0126		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				12/20/24 08:33	12/20/24 12:51	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	75		70 - 130	12/20/24 08:33	12/20/24 12:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0933		0.00404		mg/Kg			12/20/24 12:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	311		49.8		mg/Kg			12/20/24 12:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Diesel Range Organics (Over C10-C28)	311		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				12/19/24 21:30	12/20/24 12:47	1
o-Terphenyl	77		70 - 130				12/19/24 21:30	12/20/24 12:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.8		9.96		mg/Kg			12/20/24 09:26	1

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Ethylbenzene	0.191		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Toluene	0.110		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Xylenes, Total	0.265		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
m-Xylene & p-Xylene	0.156		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
o-Xylene	0.109		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130	12/20/24 08:33	12/20/24 13:11	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 13:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.566		0.00402		mg/Kg			12/20/24 13:11	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2050		49.9		mg/Kg			12/20/24 13:03	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Diesel Range Organics (Over C10-C28)	2050		49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				12/19/24 21:30	12/20/24 13:03	1
o-Terphenyl	106		70 - 130				12/19/24 21:30	12/20/24 13:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	930		10.0		mg/Kg			12/20/24 09:33	1

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Ethylbenzene	0.00665		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Toluene	0.00205		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Xylenes, Total	0.0105		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
m-Xylene & p-Xylene	0.00628		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
o-Xylene	0.00418		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				12/20/24 08:30	12/20/24 12:07	1
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 12:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0192		0.00404		mg/Kg			12/20/24 12:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	601		49.7		mg/Kg			12/20/24 13:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U **	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Diesel Range Organics (Over C10-C28)	601		49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				12/19/24 21:30	12/20/24 13:20	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 13:20	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3030		49.7		mg/Kg			12/20/24 09:40	5

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Xylenes, Total	0.133		0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
o-Xylene	0.133		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				12/20/24 08:30	12/20/24 12:27	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/20/24 08:30	12/20/24 12:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.133		0.00401		mg/Kg			12/20/24 12:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/20/24 13:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 13:36	1
o-Terphenyl	66	S1-	70 - 130				12/19/24 21:30	12/20/24 13:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		10.0		mg/Kg			12/20/24 09:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Ethylbenzene	0.950		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Toluene	0.199		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Xylenes, Total	1.58		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
m-Xylene & p-Xylene	0.943		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
o-Xylene	0.636		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	193	S1+	70 - 130				12/20/24 08:30	12/20/24 13:28	10
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 13:28	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.73		0.0398		mg/Kg			12/20/24 13:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2110		49.8		mg/Kg			12/20/24 13:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Diesel Range Organics (Over C10-C28)	2110		49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:30	12/20/24 13:52	1
o-Terphenyl	112		70 - 130				12/19/24 21:30	12/20/24 13:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	812		9.98		mg/Kg			12/20/24 10:09	1

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Ethylbenzene	0.0120		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Toluene	0.00377		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Xylenes, Total	0.0233		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
m-Xylene & p-Xylene	0.0102		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
o-Xylene	0.0131		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				12/20/24 08:30	12/20/24 12:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130	12/20/24 08:30	12/20/24 12:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0391		0.00399		mg/Kg			12/20/24 12:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	573		49.8		mg/Kg			12/20/24 14:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Diesel Range Organics (Over C10-C28)	573		49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 14:07	1
o-Terphenyl	78		70 - 130				12/19/24 21:30	12/20/24 14:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2650		50.1		mg/Kg			12/20/24 10:16	5

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Xylenes, Total	0.0889		0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
o-Xylene	0.0889		0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	12/20/24 08:30	12/20/24 13:08	1
1,4-Difluorobenzene (Surr)	91		70 - 130	12/20/24 08:30	12/20/24 13:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0889		0.00404		mg/Kg			12/20/24 13:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 420
Date Collected: 12/19/24 12:22
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-23
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	104		70 - 130				12/19/24 21:32	12/20/24 11:11	1	
o-Terphenyl	109		70 - 130				12/19/24 21:32	12/20/24 11:11	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	162		9.94		mg/Kg			12/20/24 10:38	1	

Surrogate Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-7492-1	SS 01	131 S1+	124
890-7492-2	SS 20	128	136 S1+
890-7492-3	SS 64	137 S1+	131 S1+
890-7492-4	SS 80	144 S1+	106
890-7492-5	SS 262	125	122
890-7492-6	SS 320	126	126
890-7492-7	SS 488	106	100
890-7492-8	SS 46	171 S1+	94
890-7492-9	SS 107	107	101
890-7492-10	SS 290	131 S1+	100
890-7492-11	SS 339	122	99
890-7492-12	SS 495	139 S1+	104
890-7492-13	SS 129	109	95
890-7492-14	SS 154	99	93
890-7492-15	SS 504	110	94
890-7492-16	SS 398	141 S1+	96
890-7492-17	SS 183	88	75
890-7492-18	SS 200	159 S1+	93
890-7492-19	SS 435	113	104
890-7492-20	SS 477	98	95
890-7492-21	SS 176	193 S1+	104
890-7492-22	SS 138	115	103
890-7492-23	SS 420	95	91
LCS 880-98432/1-A	Lab Control Sample	101	96
LCS 880-98433/1-A	Lab Control Sample	96	103
LCS 880-98434/1-A	Lab Control Sample	107	104
LCS 880-98435/1-A	Lab Control Sample	106	99
LCSD 880-98432/2-A	Lab Control Sample Dup	103	99
LCSD 880-98433/2-A	Lab Control Sample Dup	94	103
LCSD 880-98434/2-A	Lab Control Sample Dup	109	103
LCSD 880-98435/2-A	Lab Control Sample Dup	108	98
MB 880-98432/5-A	Method Blank	112	85
MB 880-98433/5-A	Method Blank	98	96
MB 880-98434/5-A	Method Blank	111	101
MB 880-98435/5-A	Method Blank	92	93
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-1	SS 01	83	86
890-7492-2	SS 20	76	77
890-7492-3	SS 64	75	78
890-7492-3 MS	SS 64	78	76

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Surrogate Summary

Client: CDH Consulting

Job ID: 890-7492-1

Project/Site: CLOSE ENCOUNTER 301 H

SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-3 MSD	SS 64	77	76
890-7492-4	SS 80	73	74
890-7492-5	SS 262	70	69 S1-
890-7492-6	SS 320	74	75
890-7492-7	SS 488	75	95
890-7492-8	SS 46	75	81
890-7492-9	SS 107	75	86
890-7492-10	SS 290	85	105
890-7492-11	SS 339	84	121
890-7492-12	SS 495	88	108
890-7492-13	SS 129	84	79
890-7492-13 MS	SS 129	80	81
890-7492-13 MSD	SS 129	79	81
890-7492-14	SS 154	84	120
890-7492-15	SS 504	92	97
890-7492-16	SS 398	85	120
890-7492-17	SS 183	87	77
890-7492-18	SS 200	82	106
890-7492-19	SS 435	77	74
890-7492-20	SS 477	81	66 S1-
890-7492-21	SS 176	88	112
890-7492-22	SS 138	81	78
890-7492-23	SS 420	104	109
890-7492-23 MS	SS 420	92	99
890-7492-23 MSD	SS 420	92	99
LCS 880-98401/2-A	Lab Control Sample	118	102
LCS 880-98402/2-A	Lab Control Sample	121	104
LCS 880-98403/2-A	Lab Control Sample	136 S1+	123
LCS 880-98404/2-A	Lab Control Sample	158 S1+	172 S1+
LCSD 880-98401/3-A	Lab Control Sample Dup	110	95
LCSD 880-98402/3-A	Lab Control Sample Dup	145 S1+	123
LCSD 880-98403/3-A	Lab Control Sample Dup	133 S1+	120
LCSD 880-98404/3-A	Lab Control Sample Dup	166 S1+	175 S1+
MB 880-98401/1-A	Method Blank	81	80
MB 880-98402/1-A	Method Blank	75	75
MB 880-98403/1-A	Method Blank	91	74
MB 880-98404/1-A	Method Blank	93	96
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-98432/5-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	12/20/24 08:24	12/20/24 11:08	1
1,4-Difluorobenzene (Surr)	85		70 - 130	12/20/24 08:24	12/20/24 11:08	1

Lab Sample ID: LCS 880-98432/1-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1137		mg/Kg		114	70 - 130
Ethylbenzene	0.100	0.1107		mg/Kg		111	70 - 130
Toluene	0.100	0.1082		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2221		mg/Kg		111	70 - 130
o-Xylene	0.100	0.1128		mg/Kg		113	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-98432/2-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1182		mg/Kg		118	70 - 130	4	35
Ethylbenzene	0.100	0.1145		mg/Kg		114	70 - 130	3	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2282		mg/Kg		114	70 - 130	3	35
o-Xylene	0.100	0.1165		mg/Kg		117	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	12/20/24 08:27	12/20/24 11:02	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:27	12/20/24 11:02	1

Lab Sample ID: LCS 880-98433/1-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1001		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09410		mg/Kg		94	70 - 130
Toluene	0.100	0.09371		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1885		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09536		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-98433/2-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1048		mg/Kg		105	70 - 130	5	35
Ethylbenzene	0.100	0.09886		mg/Kg		99	70 - 130	5	35
Toluene	0.100	0.09817		mg/Kg		98	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1969		mg/Kg		98	70 - 130	4	35
o-Xylene	0.100	0.09974		mg/Kg		100	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	111		70 - 130				12/20/24 08:30	12/20/24 11:25	1
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:30	12/20/24 11:25	1

Lab Sample ID: LCS 880-98434/1-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits		
		Result	Qualifier						
Benzene	0.100	0.1149		mg/Kg		115	70 - 130		
Ethylbenzene	0.100	0.1100		mg/Kg		110	70 - 130		
Toluene	0.100	0.1116		mg/Kg		112	70 - 130		
m-Xylene & p-Xylene	0.200	0.2234		mg/Kg		112	70 - 130		
o-Xylene	0.100	0.1142		mg/Kg		114	70 - 130		
Surrogate	LCS	LCS	Limits				%Recovery	Qualifier	
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	107		70 - 130						
1,4-Difluorobenzene (Surr)	104		70 - 130						

Lab Sample ID: LCSD 880-98434/2-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.1162		mg/Kg		116	70 - 130	1	35
Ethylbenzene	0.100	0.1102		mg/Kg		110	70 - 130	0	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2247		mg/Kg		112	70 - 130	1	35
o-Xylene	0.100	0.1148		mg/Kg		115	70 - 130	1	35
Surrogate	LCSD	LCSD	Limits				%Recovery	Qualifier	
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	109		70 - 130						
1,4-Difluorobenzene (Surr)	103		70 - 130						

Lab Sample ID: MB 880-98435/5-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98435

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac		
4-Bromofluorobenzene (Surr)	92		70 - 130	12/20/24 08:33	12/20/24 11:07	1			
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 11:07	1			

Lab Sample ID: LCS 880-98435/1-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	0.100	0.1025		mg/Kg		103	70 - 130		
Ethylbenzene	0.100	0.1037		mg/Kg		104	70 - 130		
Toluene	0.100	0.1077		mg/Kg		108	70 - 130		
m-Xylene & p-Xylene	0.200	0.2015		mg/Kg		101	70 - 130		
o-Xylene	0.100	0.1117		mg/Kg		112	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-98435/2-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1068		mg/Kg		107	70 - 130	4	35
Ethylbenzene	0.100	0.1065		mg/Kg		107	70 - 130	3	35
Toluene	0.100	0.1103		mg/Kg		110	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2041		mg/Kg		102	70 - 130	1	35
o-Xylene	0.100	0.1136		mg/Kg		114	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-98401/1-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98401

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil	Fac
1-Chlorooctane	81		70 - 130	12/19/24 21:26	12/20/24 00:11	1	
o-Terphenyl	80		70 - 130	12/19/24 21:26	12/20/24 00:11	1	

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98401/2-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98401

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1058		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	960.9		mg/Kg		96	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	118		70 - 130				
o-Terphenyl	102		70 - 130				

Lab Sample ID: LCSD 880-98401/3-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98401

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1005		mg/Kg		101	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	903.5		mg/Kg		90	70 - 130	6	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	110		70 - 130						
o-Terphenyl	95		70 - 130						

Lab Sample ID: MB 880-98402/1-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 98402

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1-Chlorooctane	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	
o-Terphenyl	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	

Lab Sample ID: LCS 880-98402/2-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1061		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1028		mg/Kg		103	70 - 130

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98402/2-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98402

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: LCSD 880-98402/3-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1288		mg/Kg		129	70 - 130	19	20
Diesel Range Organics (Over C10-C28)	1000	1231		mg/Kg		123	70 - 130	18	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	145	S1+	70 - 130
o-Terphenyl	123		70 - 130

Lab Sample ID: 890-7492-3 MS
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: SS 64
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	665.3	F1	mg/Kg		67	70 - 130		
Diesel Range Organics (Over C10-C28)	631	F1	998	1155	F1	mg/Kg		53	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	78		70 - 130
o-Terphenyl	76		70 - 130

Lab Sample ID: 890-7492-3 MSD
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: SS 64
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	660.4	F1	mg/Kg		66	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	631	F1	998	1141	F1	mg/Kg		51	70 - 130	1	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	77		70 - 130
o-Terphenyl	76		70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-98403/1-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98403

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				12/19/24 21:30	12/20/24 09:12	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 09:12	1

Lab Sample ID: LCS 880-98403/2-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1333	*+	mg/Kg		133	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1178		mg/Kg		118	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	136	S1+	70 - 130				
o-Terphenyl	123		70 - 130				

Lab Sample ID: LCSD 880-98403/3-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1180		mg/Kg		118	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	1000	1166		mg/Kg		117	70 - 130	1	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	133	S1+	70 - 130						
o-Terphenyl	120		70 - 130						

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	997	729.6		mg/Kg		73	70 - 130
Diesel Range Organics (Over C10-C28)	538	F1	997	1207	F1	mg/Kg		67	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	80		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: 890-7492-13 MSD

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	997	855.4		mg/Kg		86	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	538	F1	997	1282		mg/Kg		75	70 - 130	6	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	79		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: MB 880-98404/1-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98404

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	93		70 - 130	12/19/24 21:32	12/20/24 09:12	1			
o-Terphenyl	96		70 - 130	12/19/24 21:32	12/20/24 09:12	1			

Lab Sample ID: LCS 880-98404/2-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1398	*+	mg/Kg		140	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1468	*+	mg/Kg		147	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	158	S1+	70 - 130
o-Terphenyl	172	S1+	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-98404/3-A
Matrix: Solid
Analysis Batch: 98430

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98404

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1465	*+	mg/Kg		147	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	1590	*+	mg/Kg		159	70 - 130	8	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	166	S1+	70 - 130						
o-Terphenyl	175	S1+	70 - 130						

Lab Sample ID: 890-7492-23 MS
Matrix: Solid
Analysis Batch: 98430

Client Sample ID: SS 420
Prep Type: Total/NA
Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	781.1		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	867.3		mg/Kg		84	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Lab Sample ID: 890-7492-23 MSD
Matrix: Solid
Analysis Batch: 98430

Client Sample ID: SS 420
Prep Type: Total/NA
Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	804.1		mg/Kg		80	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	863.1		mg/Kg		84	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-98374/1-A
Matrix: Solid
Analysis Batch: 98376

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 08:34	1

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-98374/2-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.6		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-98374/3-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	245.0		mg/Kg		98	90 - 110	2	20

Lab Sample ID: 890-7492-2 MS

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1300	F1	1250	3073	F1	mg/Kg		142	90 - 110

Lab Sample ID: 890-7492-2 MSD

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1300	F1	1250	3070	F1	mg/Kg		142	90 - 110	0	20

Lab Sample ID: MB 880-98373/1-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 03:00	1

Lab Sample ID: LCS 880-98373/2-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	258.6		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-98373/3-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	257.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-7492-20 MS

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: SS 477

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	126		257	387.5		mg/Kg		102	90 - 110

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-7492-20 MSD							Client Sample ID: SS 477					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 98377												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	126		248	372.8		mg/Kg		100	90 - 110	4	20	

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA

Analysis Batch: 98350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-2	SS 20	Total/NA	Solid	8021B	98432
890-7492-3	SS 64	Total/NA	Solid	8021B	98432
890-7492-4	SS 80	Total/NA	Solid	8021B	98432
890-7492-5	SS 262	Total/NA	Solid	8021B	98432
890-7492-6	SS 320	Total/NA	Solid	8021B	98432
MB 880-98432/5-A	Method Blank	Total/NA	Solid	8021B	98432
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	8021B	98432
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98432

Analysis Batch: 98351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	8021B	98433
890-7492-8	SS 46	Total/NA	Solid	8021B	98433
890-7492-9	SS 107	Total/NA	Solid	8021B	98433
890-7492-10	SS 290	Total/NA	Solid	8021B	98433
890-7492-11	SS 339	Total/NA	Solid	8021B	98433
890-7492-12	SS 495	Total/NA	Solid	8021B	98433
MB 880-98433/5-A	Method Blank	Total/NA	Solid	8021B	98433
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	8021B	98433
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98433

Analysis Batch: 98352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	8021B	98434
890-7492-20	SS 477	Total/NA	Solid	8021B	98434
890-7492-21	SS 176	Total/NA	Solid	8021B	98434
890-7492-22	SS 138	Total/NA	Solid	8021B	98434
890-7492-23	SS 420	Total/NA	Solid	8021B	98434
MB 880-98434/5-A	Method Blank	Total/NA	Solid	8021B	98434
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	8021B	98434
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98434

Analysis Batch: 98353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8021B	98435
890-7492-14	SS 154	Total/NA	Solid	8021B	98435
890-7492-15	SS 504	Total/NA	Solid	8021B	98435
890-7492-16	SS 398	Total/NA	Solid	8021B	98435
890-7492-17	SS 183	Total/NA	Solid	8021B	98435
890-7492-18	SS 200	Total/NA	Solid	8021B	98435
MB 880-98435/5-A	Method Blank	Total/NA	Solid	8021B	98435
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	8021B	98435
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98435

Prep Batch: 98432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	5035	
890-7492-2	SS 20	Total/NA	Solid	5035	
890-7492-3	SS 64	Total/NA	Solid	5035	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Prep Batch: 98432 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-4	SS 80	Total/NA	Solid	5035	
890-7492-5	SS 262	Total/NA	Solid	5035	
890-7492-6	SS 320	Total/NA	Solid	5035	
MB 880-98432/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	5035	
890-7492-8	SS 46	Total/NA	Solid	5035	
890-7492-9	SS 107	Total/NA	Solid	5035	
890-7492-10	SS 290	Total/NA	Solid	5035	
890-7492-11	SS 339	Total/NA	Solid	5035	
890-7492-12	SS 495	Total/NA	Solid	5035	
MB 880-98433/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	5035	
890-7492-20	SS 477	Total/NA	Solid	5035	
890-7492-21	SS 176	Total/NA	Solid	5035	
890-7492-22	SS 138	Total/NA	Solid	5035	
890-7492-23	SS 420	Total/NA	Solid	5035	
MB 880-98434/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	5035	
890-7492-14	SS 154	Total/NA	Solid	5035	
890-7492-15	SS 504	Total/NA	Solid	5035	
890-7492-16	SS 398	Total/NA	Solid	5035	
890-7492-17	SS 183	Total/NA	Solid	5035	
890-7492-18	SS 200	Total/NA	Solid	5035	
MB 880-98435/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 98498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	Total BTEX	
890-7492-2	SS 20	Total/NA	Solid	Total BTEX	
890-7492-3	SS 64	Total/NA	Solid	Total BTEX	
890-7492-4	SS 80	Total/NA	Solid	Total BTEX	
890-7492-5	SS 262	Total/NA	Solid	Total BTEX	
890-7492-6	SS 320	Total/NA	Solid	Total BTEX	
890-7492-7	SS 488	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Analysis Batch: 98498 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-8	SS 46	Total/NA	Solid	Total BTEX	
890-7492-9	SS 107	Total/NA	Solid	Total BTEX	
890-7492-10	SS 290	Total/NA	Solid	Total BTEX	
890-7492-11	SS 339	Total/NA	Solid	Total BTEX	
890-7492-12	SS 495	Total/NA	Solid	Total BTEX	
890-7492-13	SS 129	Total/NA	Solid	Total BTEX	
890-7492-14	SS 154	Total/NA	Solid	Total BTEX	
890-7492-15	SS 504	Total/NA	Solid	Total BTEX	
890-7492-16	SS 398	Total/NA	Solid	Total BTEX	
890-7492-17	SS 183	Total/NA	Solid	Total BTEX	
890-7492-18	SS 200	Total/NA	Solid	Total BTEX	
890-7492-19	SS 435	Total/NA	Solid	Total BTEX	
890-7492-20	SS 477	Total/NA	Solid	Total BTEX	
890-7492-21	SS 176	Total/NA	Solid	Total BTEX	
890-7492-22	SS 138	Total/NA	Solid	Total BTEX	
890-7492-23	SS 420	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 98401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015NM Prep	
890-7492-2	SS 20	Total/NA	Solid	8015NM Prep	
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 98402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-4	SS 80	Total/NA	Solid	8015NM Prep	
890-7492-5	SS 262	Total/NA	Solid	8015NM Prep	
890-7492-6	SS 320	Total/NA	Solid	8015NM Prep	
890-7492-7	SS 488	Total/NA	Solid	8015NM Prep	
890-7492-8	SS 46	Total/NA	Solid	8015NM Prep	
890-7492-9	SS 107	Total/NA	Solid	8015NM Prep	
890-7492-10	SS 290	Total/NA	Solid	8015NM Prep	
890-7492-11	SS 339	Total/NA	Solid	8015NM Prep	
890-7492-12	SS 495	Total/NA	Solid	8015NM Prep	
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-3 MS	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-3 MSD	SS 64	Total/NA	Solid	8015NM Prep	

Prep Batch: 98403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-14	SS 154	Total/NA	Solid	8015NM Prep	
890-7492-15	SS 504	Total/NA	Solid	8015NM Prep	
890-7492-16	SS 398	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Prep Batch: 98403 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-17	SS 183	Total/NA	Solid	8015NM Prep	
890-7492-18	SS 200	Total/NA	Solid	8015NM Prep	
890-7492-19	SS 435	Total/NA	Solid	8015NM Prep	
890-7492-20	SS 477	Total/NA	Solid	8015NM Prep	
890-7492-21	SS 176	Total/NA	Solid	8015NM Prep	
890-7492-22	SS 138	Total/NA	Solid	8015NM Prep	
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-13 MS	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-13 MSD	SS 129	Total/NA	Solid	8015NM Prep	

Prep Batch: 98404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015NM Prep	
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-23 MS	SS 420	Total/NA	Solid	8015NM Prep	
890-7492-23 MSD	SS 420	Total/NA	Solid	8015NM Prep	

Analysis Batch: 98423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015B NM	98401
890-7492-2	SS 20	Total/NA	Solid	8015B NM	98401
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015B NM	98401
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98401
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98401

Analysis Batch: 98425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-4	SS 80	Total/NA	Solid	8015B NM	98402
890-7492-5	SS 262	Total/NA	Solid	8015B NM	98402
890-7492-6	SS 320	Total/NA	Solid	8015B NM	98402
890-7492-7	SS 488	Total/NA	Solid	8015B NM	98402
890-7492-8	SS 46	Total/NA	Solid	8015B NM	98402
890-7492-9	SS 107	Total/NA	Solid	8015B NM	98402
890-7492-10	SS 290	Total/NA	Solid	8015B NM	98402
890-7492-11	SS 339	Total/NA	Solid	8015B NM	98402
890-7492-12	SS 495	Total/NA	Solid	8015B NM	98402
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015B NM	98402
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98402
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98402
890-7492-3 MS	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-3 MSD	SS 64	Total/NA	Solid	8015B NM	98402

Analysis Batch: 98427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-14	SS 154	Total/NA	Solid	8015B NM	98403

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Analysis Batch: 98427 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-15	SS 504	Total/NA	Solid	8015B NM	98403
890-7492-16	SS 398	Total/NA	Solid	8015B NM	98403
890-7492-17	SS 183	Total/NA	Solid	8015B NM	98403
890-7492-18	SS 200	Total/NA	Solid	8015B NM	98403
890-7492-19	SS 435	Total/NA	Solid	8015B NM	98403
890-7492-20	SS 477	Total/NA	Solid	8015B NM	98403
890-7492-21	SS 176	Total/NA	Solid	8015B NM	98403
890-7492-22	SS 138	Total/NA	Solid	8015B NM	98403
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015B NM	98403
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98403
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98403
890-7492-13 MS	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-13 MSD	SS 129	Total/NA	Solid	8015B NM	98403

Analysis Batch: 98430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015B NM	98404
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015B NM	98404
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98404
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98404
890-7492-23 MS	SS 420	Total/NA	Solid	8015B NM	98404
890-7492-23 MSD	SS 420	Total/NA	Solid	8015B NM	98404

Analysis Batch: 98523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015 NM	
890-7492-2	SS 20	Total/NA	Solid	8015 NM	
890-7492-3	SS 64	Total/NA	Solid	8015 NM	
890-7492-4	SS 80	Total/NA	Solid	8015 NM	
890-7492-5	SS 262	Total/NA	Solid	8015 NM	
890-7492-6	SS 320	Total/NA	Solid	8015 NM	
890-7492-7	SS 488	Total/NA	Solid	8015 NM	
890-7492-8	SS 46	Total/NA	Solid	8015 NM	
890-7492-9	SS 107	Total/NA	Solid	8015 NM	
890-7492-10	SS 290	Total/NA	Solid	8015 NM	
890-7492-11	SS 339	Total/NA	Solid	8015 NM	
890-7492-12	SS 495	Total/NA	Solid	8015 NM	
890-7492-13	SS 129	Total/NA	Solid	8015 NM	
890-7492-14	SS 154	Total/NA	Solid	8015 NM	
890-7492-15	SS 504	Total/NA	Solid	8015 NM	
890-7492-16	SS 398	Total/NA	Solid	8015 NM	
890-7492-17	SS 183	Total/NA	Solid	8015 NM	
890-7492-18	SS 200	Total/NA	Solid	8015 NM	
890-7492-19	SS 435	Total/NA	Solid	8015 NM	
890-7492-20	SS 477	Total/NA	Solid	8015 NM	
890-7492-21	SS 176	Total/NA	Solid	8015 NM	
890-7492-22	SS 138	Total/NA	Solid	8015 NM	
890-7492-23	SS 420	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC

Leach Batch: 98373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	DI Leach	
890-7492-13	SS 129	Soluble	Solid	DI Leach	
890-7492-14	SS 154	Soluble	Solid	DI Leach	
890-7492-15	SS 504	Soluble	Solid	DI Leach	
890-7492-16	SS 398	Soluble	Solid	DI Leach	
890-7492-17	SS 183	Soluble	Solid	DI Leach	
890-7492-18	SS 200	Soluble	Solid	DI Leach	
890-7492-19	SS 435	Soluble	Solid	DI Leach	
890-7492-20	SS 477	Soluble	Solid	DI Leach	
890-7492-21	SS 176	Soluble	Solid	DI Leach	
890-7492-22	SS 138	Soluble	Solid	DI Leach	
890-7492-23	SS 420	Soluble	Solid	DI Leach	
MB 880-98373/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-20 MS	SS 477	Soluble	Solid	DI Leach	
890-7492-20 MSD	SS 477	Soluble	Solid	DI Leach	

Leach Batch: 98374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	DI Leach	
890-7492-2	SS 20	Soluble	Solid	DI Leach	
890-7492-3	SS 64	Soluble	Solid	DI Leach	
890-7492-4	SS 80	Soluble	Solid	DI Leach	
890-7492-5	SS 262	Soluble	Solid	DI Leach	
890-7492-6	SS 320	Soluble	Solid	DI Leach	
890-7492-7	SS 488	Soluble	Solid	DI Leach	
890-7492-8	SS 46	Soluble	Solid	DI Leach	
890-7492-9	SS 107	Soluble	Solid	DI Leach	
890-7492-10	SS 290	Soluble	Solid	DI Leach	
890-7492-11	SS 339	Soluble	Solid	DI Leach	
MB 880-98374/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-2 MS	SS 20	Soluble	Solid	DI Leach	
890-7492-2 MSD	SS 20	Soluble	Solid	DI Leach	

Analysis Batch: 98376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	300.0	98374
890-7492-2	SS 20	Soluble	Solid	300.0	98374
890-7492-3	SS 64	Soluble	Solid	300.0	98374
890-7492-4	SS 80	Soluble	Solid	300.0	98374
890-7492-5	SS 262	Soluble	Solid	300.0	98374
890-7492-6	SS 320	Soluble	Solid	300.0	98374
890-7492-7	SS 488	Soluble	Solid	300.0	98374
890-7492-8	SS 46	Soluble	Solid	300.0	98374
890-7492-9	SS 107	Soluble	Solid	300.0	98374
890-7492-10	SS 290	Soluble	Solid	300.0	98374
890-7492-11	SS 339	Soluble	Solid	300.0	98374
MB 880-98374/1-A	Method Blank	Soluble	Solid	300.0	98374

Eurofins Carlsbad

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC (Continued)

Analysis Batch: 98376 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	300.0	98374
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98374
890-7492-2 MS	SS 20	Soluble	Solid	300.0	98374
890-7492-2 MSD	SS 20	Soluble	Solid	300.0	98374

Analysis Batch: 98377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	300.0	98373
890-7492-13	SS 129	Soluble	Solid	300.0	98373
890-7492-14	SS 154	Soluble	Solid	300.0	98373
890-7492-15	SS 504	Soluble	Solid	300.0	98373
890-7492-16	SS 398	Soluble	Solid	300.0	98373
890-7492-17	SS 183	Soluble	Solid	300.0	98373
890-7492-18	SS 200	Soluble	Solid	300.0	98373
890-7492-19	SS 435	Soluble	Solid	300.0	98373
890-7492-20	SS 477	Soluble	Solid	300.0	98373
890-7492-21	SS 176	Soluble	Solid	300.0	98373
890-7492-22	SS 138	Soluble	Solid	300.0	98373
890-7492-23	SS 420	Soluble	Solid	300.0	98373
MB 880-98373/1-A	Method Blank	Soluble	Solid	300.0	98373
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	300.0	98373
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98373
890-7492-20 MS	SS 477	Soluble	Solid	300.0	98373
890-7492-20 MSD	SS 477	Soluble	Solid	300.0	98373

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01
Date Collected: 12/19/24 08:20
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 11:51
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		5	98350	MNR	EET MID	12/20/24 13:55
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:55
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		20	98376	CH	EET MID	12/20/24 10:49

Client Sample ID: SS 20
Date Collected: 12/19/24 08:36
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:15
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:15
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 10:58

Client Sample ID: SS 64
Date Collected: 12/19/24 08:47
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 12:33
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:33
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 09:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 09:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:54

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Date Collected: 12/19/24 08:53

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:36
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:36
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:24
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:24
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:30

Client Sample ID: SS 262

Date Collected: 12/19/24 08:59

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		50	98350	MNR	EET MID	12/20/24 13:14
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:14
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:38
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:38
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:48

Client Sample ID: SS 320

Date Collected: 12/19/24 09:04

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		25	98350	MNR	EET MID	12/20/24 13:34
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:34
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:53
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:53
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:59

Client Sample ID: SS 488

Date Collected: 12/19/24 09:12

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		100	98351	MNR	EET MID	12/20/24 12:24
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:24

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488**Lab Sample ID: 890-7492-7****Date Collected: 12/19/24 09:12****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:08
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:08
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:06

Client Sample ID: SS 46**Lab Sample ID: 890-7492-8****Date Collected: 12/19/24 10:15****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 12:45
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:45
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:25
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:25
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:11

Client Sample ID: SS 107**Lab Sample ID: 890-7492-9****Date Collected: 12/19/24 10:22****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:05
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:05
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:17

Client Sample ID: SS 290**Lab Sample ID: 890-7492-10****Date Collected: 12/19/24 10:30****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:25
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:25
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:54
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:54

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:23

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:46
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:46
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:29

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 14:06
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:06
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:36

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 11:49
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 11:49
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:43

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154
Date Collected: 12/19/24 11:19
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:10
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:10
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:00
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:00
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:50

Client Sample ID: SS 504
Date Collected: 12/19/24 11:40
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		10	98353	MNR	EET MID	12/20/24 13:32
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:32
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:15
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:15
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:12

Client Sample ID: SS 398
Date Collected: 12/19/24 11:27
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:30
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:30
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:31
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:31
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:19

Client Sample ID: SS 183
Date Collected: 12/19/24 11:44
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:51
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:51

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:47
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:47
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:26

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 13:11
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:11
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:03
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:03
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:33

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:07
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:07
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:20
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:20
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:40

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:27
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:27
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:36
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:36

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 477

Date Collected: 12/19/24 12:02

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:48

Client Sample ID: SS 176

Date Collected: 12/19/24 12:07

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-21

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		10	98352	MNR	EET MID	12/20/24 13:28
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:28
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:52
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:52
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:09

Client Sample ID: SS 138

Date Collected: 12/19/24 12:17

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-22

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:48
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:48
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 14:07
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 14:07
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 10:16

Client Sample ID: SS 420

Date Collected: 12/19/24 12:22

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-23

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 13:08
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:08
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98404	EL	EET MID	12/19/24 21:32
Total/NA	Analysis	8015B NM		1	98430	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:38

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Accreditation/Certification Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7492-1	SS 01	Solid	12/19/24 08:20	12/19/24 15:45	- SURFACE
890-7492-2	SS 20	Solid	12/19/24 08:36	12/19/24 15:45	- SURFACE
890-7492-3	SS 64	Solid	12/19/24 08:47	12/19/24 15:45	- SURFACE
890-7492-4	SS 80	Solid	12/19/24 08:53	12/19/24 15:45	- SURFACE
890-7492-5	SS 262	Solid	12/19/24 08:59	12/19/24 15:45	- SURFACE
890-7492-6	SS 320	Solid	12/19/24 09:04	12/19/24 15:45	- SURFACE
890-7492-7	SS 488	Solid	12/19/24 09:12	12/19/24 15:45	- SURFACE
890-7492-8	SS 46	Solid	12/19/24 10:15	12/19/24 15:45	- SURFACE
890-7492-9	SS 107	Solid	12/19/24 10:22	12/19/24 15:45	- SURFACE
890-7492-10	SS 290	Solid	12/19/24 10:30	12/19/24 15:45	- SURFACE
890-7492-11	SS 339	Solid	12/19/24 10:37	12/19/24 15:45	- SURFACE
890-7492-12	SS 495	Solid	12/19/24 10:44	12/19/24 15:45	- SURFACE
890-7492-13	SS 129	Solid	12/19/24 11:07	12/19/24 15:45	- SURFACE
890-7492-14	SS 154	Solid	12/19/24 11:19	12/19/24 15:45	- SURFACE
890-7492-15	SS 504	Solid	12/19/24 11:40	12/19/24 15:45	- SURFACE
890-7492-16	SS 398	Solid	12/19/24 11:27	12/19/24 15:45	- SURFACE
890-7492-17	SS 183	Solid	12/19/24 11:44	12/19/24 15:45	- SURFACE
890-7492-18	SS 200	Solid	12/19/24 11:49	12/19/24 15:45	- SURFACE
890-7492-19	SS 435	Solid	12/19/24 11:53	12/19/24 15:45	- SURFACE
890-7492-20	SS 477	Solid	12/19/24 12:02	12/19/24 15:45	- SURFACE
890-7492-21	SS 176	Solid	12/19/24 12:07	12/19/24 15:45	- SURFACE
890-7492-22	SS 138	Solid	12/19/24 12:17	12/19/24 15:45	- SURFACE
890-7492-23	SS 420	Solid	12/19/24 12:22	12/19/24 15:45	- SURFACE



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
 Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
 EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
 Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 1 of 3

Project Manager: <u>Michael Wicker</u>		Bill to: (if different)		<u>CDH Consulting</u>	
Company Name: <u>Cotto</u>		Company Name:		Program: ☐ PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
Address:		Address:		State of Project:	
City, State ZIP:		City, State ZIP:		Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Phone: <u>1616-970-8459</u>		Email: <u>mwicker@cdhconsult.com</u>		Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name: <u>Close Encounter 30114</u>		Turn Around		Preservative Codes	
		☐ Routine	☒ Rush	None: NO	DI Water: H ₂ O
Project Number:		Due Date: <u>12-20-2024</u>		Cool: Cool	MeOH: Me
Project Location: <u>Buckeye, NM</u>		TAT starts the day received by the lab, if received by 4:30pm		HCL: HC	HNO ₃
Sampler's Name: <u>Dakotah Cueto</u>				H ₂ SO ₄ : H ₂	NaOH: Na
PO #:				H ₃ PO ₄ : HP	
SAMPLE RECEIPT		Temp Blank: Yes ☒ No ☐	Wet Ice: Yes ☒ No ☐	NaHSO ₄ : NABIS	
Samples Received Intact: Yes ☒ No ☐		Thermometer ID: <u>T-0.2</u>		Na ₂ S ₂ O ₃ : NaSO ₃	
Cooler Custody Seals: Yes ☒ No ☐		Correction Factor: <u>5.8</u>		Zn Acetate+NaOH: Zn	
Sample Custody Seals: Yes ☒ No ☐		Temperature Reading: <u>5.0</u>		NaOH+Ascorbic Acid: SAPC	
Total Containers:		Corrected Temperature: <u>5.0</u>			

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Sample Comments
SS01	S	12-19-24	08:20	Surf	C	1	
SS20	S		08:36		C	1	
SS64	S		08:47		C	1	
SS80	S		08:53		C	1	
SS262	S		08:59		C	1	
SS320	S		09:04		C	1	
SS488	S		09:12		C	1	
SS46	S		10:15		C	1	
SS107	S		10:22		C	1	
SS290	S		10:30		C	1	

Total 200.7 / 6010 200.8 / 6020:		8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn	
Circle Method(s) and Metal(s) to be analyzed		TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471	

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>Dakotah Cueto</u>	<u>[Signature]</u>	<u>12/19 1545</u>			
3		4			
5		6			



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 505-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 2 of 3

Project Manager: Michael Wicker		Bill to: (if different)		Work Order Comments	
Company Name: CETO		Company Name:		Program: ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
Address:		Address:		State of Project:	
City, State ZIP:		City, State ZIP:		Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Phone:		Email: mwicker@cetoconsult.com		Deliverables: EDD ☐ ADAPT ☐ Other:	
Project Name: Close Encounters Golf		Turn Around		ANALYSIS REQUEST	
Project Number:		☐ Routine ☒ Rush		Preservative Codes	
Project Location: Buellville, NM		Due Date: 12-20-2024		None: NO DI Water: H ₂ O	
Sampler's Name: Dakotaiah Cueto		TAT starts the day received by the lab, if received by 4:30pm		Cool: Cool MeOH: Me	
PO #:				HCL: HC HNO ₃	
SAMPLE RECEIPT		Temp Blank: Yes No		H ₂ SO ₄ : H ₂ NaOH: Na	
Samples Received Intact: Yes No		Thermometer ID:		H ₃ PO ₄ : HP	
Cooler Custody Seals: Yes No N/A		Correction Factor:		NaHSO ₄ : NABIS	
Sample Custody Seals: Yes No N/A		Temperature Reading:		Na ₂ S ₂ O ₃ : NaSO ₃	
Total Containers:		Corrected Temperature:		Zn Acetate+NaOH: Zn	
				NaOH+Ascorbic Acid: SAPC	
Sample Identification		Date Sampled		Time Sampled	
Matrix		Grab/Comp		# of Cont	
SS339		S 12/19/2024		10:37	
SS495		S		10:44	
SS129		S		11:07	
SS154		S		11:19	
SS504		S		11:40	
SS398		S		11:27	
SS183		S		11:34	
SS200		S		11:49	
SS435		S		11:53	
SS477		S		12:02	
Total 200.7 / 6010 200.8 / 6020:		8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn		Circle Method(s) and Meta(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471	
Notes: Signature of this document and relinquishment of sample constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.					
Relinquished by: (Signature)		Received by: (Signature)		Date/Time	
1 Dakotaiah Cueto				2	
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5				6	

Revised Date: 08/25/2020 Rev. 2020.2

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 3 of 3

Project Manager:	Michael Wicker	Bill to: (if different)	CDL Consulting
Company Name:	CDL	Company Name:	
Address:		Address:	
City, State ZIP:		City, State ZIP:	
Phone:	616-970-8469	Email:	mwicker@cdlconsult.com

Work Order Comments

Program: UST/PST	PRP	Brownfields	RRR	Superfund
State of Project:				
Reporting: Level II	Level III	PST/UST	TRRP	Level IV
Deliverables: EDD	ADAPT	Other:		

Project Name:	Close Encounter 301H	Turn Around		Pres. Code	
Project Number:		☐ Routine ☒ Rush			
Project Location:	Buckeye, NM	Due Date: 12-20-2024			
Sampler's Name:	Danastah Ceto	TAT starts the day received by the lab, if received by 4:30pm			
PO #:					
SAMPLE RECEIPT					
Samples Received Intact:	Yes No	Temp Blank:	Yes No	Wet Ice:	Yes No
Cooler Custody Seals:	Yes No	Thermometer ID:			
Sample Custody Seals:	Yes No	Correction Factor:			
Total Containers:		Temperature Reading:			
		Corrected Temperature:			

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	ANALYSIS REQUEST										Preservative Codes				
							Parameters											None: NO	DI Water: H ₂ O	Cool: Cool	MeOH: Me
SS176	3	12/19/2024	10:07	Surf	C	1												HCL: HC	HNO ₃		
SS138	3	5	12:17	5	C	1												H ₂ SO ₄ : H ₂	NaOH: Na		
SS420	5	2	12:28	5	C	1												H ₃ PO ₄ : HP			
																		NaHSO ₄ : NABIS			
																		Na ₂ S ₂ O ₃ : NaSO ₃			
																		Zn Acetate+NaOH: Zn			
																		NaOH+Ascorbic Acid: SAPC			

Total 200.7 / 6010	200.8 / 6020:	8RCRA 13PPM	Texas 11	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Mg	Mn	Mo	Ni	K	Se	Ag	SiO ₂	Na	Sr	Ti	Sn	U	V	Zn					
Circle Method(s) and Metal(s) to be analyzed		TCLP / SPLP 6010: 8RCRA		Sb		As	Ba	Be	Cd	Cr	Co	Cu	Pb	Mn	Mo	Ni	Se	Ag	Ti	U	Hg: 1631 / 245.1 / 7470 / 7471															

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Danastah Ceto		2			
3		4			
5		6			

Revised Date: 08/25/2020 Rev. 2020.2



Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Source: Eurofins Carlsbad

List Number: 1

Creator: Bruns, Shannon

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Source: Eurofins Midland

List Number: 2

List Creation: 12/19/24 09:21 PM

Creator: Laing, Edmundo

Question	Answer	Comment
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time (excluding tests with immediate HTs)		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").		



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Michael Wicker
CDH Consulting
9446 Clermont St,
Thornton, Colorado 80229
Generated 12/20/2024 3:02:55 PM

JOB DESCRIPTION

CLOSE ENCOUNTER 301 H
BUCKEYE

JOB NUMBER

890-7492-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

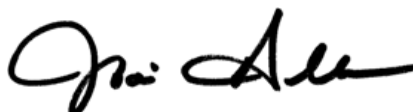
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
12/20/2024 3:02:55 PM

Authorized for release by
Jodi Allen, Project Manager I
Jodi.Allen@et.eurofinsus.com
(281)520-2865

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Laboratory Job ID: 890-7492-1
SDG: BUCKEYE

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Definitions/Glossary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1

Eurofins Carlsbad

Job Narrative
890-7492-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 12/19/2024 3:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 64 (890-7492-3), SS 80 (890-7492-4), SS 262 (890-7492-5), SS 320 (890-7492-6), SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11), SS 495 (890-7492-12), SS 129 (890-7492-13), SS 154 (890-7492-14), SS 504 (890-7492-15), SS 398 (890-7492-16), SS 183 (890-7492-17), SS 200 (890-7492-18), SS 435 (890-7492-19), SS 477 (890-7492-20), SS 176 (890-7492-21), SS 138 (890-7492-22) and SS 420 (890-7492-23).

GC VOA

Method 8021B: The following samples were diluted due to physical characteristics such as color, odor, appearance, viscosity, etc.>>: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 80 (890-7492-4), SS 262 (890-7492-5) and SS 320 (890-7492-6). Elevated reporting limits (RL) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 01 (890-7492-1), SS 20 (890-7492-2) and SS 64 (890-7492-3). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 398 (890-7492-16) and SS 200 (890-7492-18). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SS 176 (890-7492-21). Evidence of matrix interferences is not obvious.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11) and SS 495 (890-7492-12). Elevated reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 46 (890-7492-8), SS 290 (890-7492-10) and SS 495 (890-7492-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: SS 504 (890-7492-15). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-98402/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98402 and analytical batch 880-98425 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within

Eurofins Carlsbad

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1 (Continued)

Eurofins Carlsbad

acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SS 262 (890-7492-5). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Due to the high concentration of Diesel Range Organics (Over C10-C28), the matrix spike (MS) for preparation batch 880-98403 and analytical batch 880-98427 could not be evaluated for accuracy. The associated matrix spike duplicate (MSD) met acceptance criteria.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SS 477 (890-7492-20), (LCS 880-98403/2-A) and (LCSD 880-98403/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The method blank for preparation batch 880-98404 and analytical batch 880-98430 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-98404/2-A) and (LCSD 880-98404/3-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-98404 and analytical batch 880-98430 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The laboratory control sample (LCS) for preparation batch 880-98403 and analytical batch 880-98427 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10. Since only an acceptable LCSD is required per the method, the LCSD shows recovery for the batch and the data has been qualified and reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98374 and analytical batch 880-98376 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01

Lab Sample ID: 890-7492-1

Date Collected: 12/19/24 08:20

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0101	U	0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Ethylbenzene	0.0947		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Toluene	0.0306		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Xylenes, Total	1.81		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
m-Xylene & p-Xylene	0.0449		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
o-Xylene	1.77		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:24	12/20/24 11:51	20
1,4-Difluorobenzene (Surr)	124		70 - 130				12/20/24 08:24	12/20/24 11:51	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.94		0.0202		mg/Kg			12/20/24 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	287		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	287		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				12/19/24 21:26	12/20/24 12:09	1
o-Terphenyl	86		70 - 130				12/19/24 21:26	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17600		199		mg/Kg			12/20/24 10:49	20

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Ethylbenzene	0.0420		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Toluene	0.0216		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Xylenes, Total	0.350		0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
m-Xylene & p-Xylene	<0.0401	U	0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
o-Xylene	0.350		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				12/20/24 08:24	12/20/24 14:15	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	136	S1+	70 - 130	12/20/24 08:24	12/20/24 14:15	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.414		0.0401		mg/Kg			12/20/24 14:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	110		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	110		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				12/19/24 21:26	12/20/24 12:23	1
o-Terphenyl	77		70 - 130				12/19/24 21:26	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300	F1	49.9		mg/Kg			12/20/24 10:58	5

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Ethylbenzene	0.242		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Toluene	0.0581		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Xylenes, Total	0.781		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
m-Xylene & p-Xylene	0.189		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
o-Xylene	0.592		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20
1,4-Difluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.08		0.0795		mg/Kg			12/20/24 12:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	631		50.0		mg/Kg			12/20/24 09:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Diesel Range Organics (Over C10-C28)	631	F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 09:40	1
o-Terphenyl	78		70 - 130				12/19/24 21:28	12/20/24 09:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3110		50.2		mg/Kg			12/20/24 11:54	5

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Ethylbenzene	0.0344		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Toluene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Xylenes, Total	0.680		0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
m-Xylene & p-Xylene	<0.0399	U	0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
o-Xylene	0.680		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				12/20/24 08:24	12/20/24 14:36	10
1,4-Difluorobenzene (Surr)	106		70 - 130				12/20/24 08:24	12/20/24 14:36	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.714		0.0399		mg/Kg			12/20/24 14:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	188		50.0		mg/Kg			12/20/24 10:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Diesel Range Organics (Over C10-C28)	188		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				12/19/24 21:28	12/20/24 10:24	1
o-Terphenyl	74		70 - 130				12/19/24 21:28	12/20/24 10:24	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3070		100		mg/Kg			12/20/24 11:30	10

Client Sample ID: SS 262

Lab Sample ID: 890-7492-5

Date Collected: 12/19/24 08:59

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Ethylbenzene	0.966		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Toluene	0.415		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Xylenes, Total	1.51		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
m-Xylene & p-Xylene	0.756		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
o-Xylene	0.754		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				12/20/24 08:24	12/20/24 13:14	50
1,4-Difluorobenzene (Surr)	122		70 - 130				12/20/24 08:24	12/20/24 13:14	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.89		0.202		mg/Kg			12/20/24 13:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	463		50.0		mg/Kg			12/20/24 10:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Diesel Range Organics (Over C10-C28)	463		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				12/19/24 21:28	12/20/24 10:38	1
o-Terphenyl	69	S1-	70 - 130				12/19/24 21:28	12/20/24 10:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4470		99.4		mg/Kg			12/20/24 11:48	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 320

Lab Sample ID: 890-7492-6

Date Collected: 12/19/24 09:04

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0503	U	0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Ethylbenzene	0.537		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Toluene	0.125		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Xylenes, Total	1.20		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
m-Xylene & p-Xylene	0.454		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
o-Xylene	0.746		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				12/20/24 08:24	12/20/24 13:34	25
1,4-Difluorobenzene (Surr)	126		70 - 130				12/20/24 08:24	12/20/24 13:34	25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.86		0.101		mg/Kg			12/20/24 13:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	876		49.7		mg/Kg			12/20/24 10:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Diesel Range Organics (Over C10-C28)	876		49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				12/19/24 21:28	12/20/24 10:53	1
o-Terphenyl	75		70 - 130				12/19/24 21:28	12/20/24 10:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3410		49.8		mg/Kg			12/20/24 11:59	5

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.199	U	0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Ethylbenzene	1.92		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Toluene	0.602		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Xylenes, Total	3.04		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
m-Xylene & p-Xylene	1.78		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
o-Xylene	1.26		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				12/20/24 08:27	12/20/24 12:24	100

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	100		70 - 130	12/20/24 08:27	12/20/24 12:24	100

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	5.56		0.398		mg/Kg			12/20/24 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2500		49.8		mg/Kg			12/20/24 11:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.7		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Diesel Range Organics (Over C10-C28)	2410		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:08	1
o-Terphenyl	95		70 - 130				12/19/24 21:28	12/20/24 11:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3680		49.6		mg/Kg			12/20/24 12:06	5

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.11		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Ethylbenzene	9.28		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Toluene	7.96		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Xylenes, Total	10.9		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
m-Xylene & p-Xylene	6.88		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
o-Xylene	4.05		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130	12/20/24 08:27	12/20/24 12:45	50
1,4-Difluorobenzene (Surr)	94		70 - 130	12/20/24 08:27	12/20/24 12:45	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	29.3		0.200		mg/Kg			12/20/24 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1330		49.9		mg/Kg			12/20/24 11:25	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	95.0		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Diesel Range Organics (Over C10-C28)	1230		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:25	1
o-Terphenyl	81		70 - 130				12/19/24 21:28	12/20/24 11:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5420		101		mg/Kg			12/20/24 12:11	10

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Ethylbenzene	1.52		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Toluene	0.807		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Xylenes, Total	4.70		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
m-Xylene & p-Xylene	3.88		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
o-Xylene	0.815		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				12/20/24 08:27	12/20/24 13:05	50
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:27	12/20/24 13:05	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	7.02		0.202		mg/Kg			12/20/24 13:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	60.0		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Diesel Range Organics (Over C10-C28)	1450		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:40	1
o-Terphenyl	86		70 - 130				12/19/24 21:28	12/20/24 11:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5250		99.4		mg/Kg			12/20/24 12:17	10

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.151		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Ethylbenzene	3.30		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Toluene	1.75		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Xylenes, Total	4.33		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
m-Xylene & p-Xylene	2.60		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
o-Xylene	1.73		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:27	12/20/24 13:25	50
1,4-Difluorobenzene (Surr)	100		70 - 130				12/20/24 08:27	12/20/24 13:25	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	9.53		0.201		mg/Kg			12/20/24 13:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2470		49.8		mg/Kg			12/20/24 11:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	129		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Diesel Range Organics (Over C10-C28)	2340		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				12/19/24 21:28	12/20/24 11:54	1
o-Terphenyl	105		70 - 130				12/19/24 21:28	12/20/24 11:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5400		99.8		mg/Kg			12/20/24 12:23	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.106		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Ethylbenzene	3.81		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Toluene	1.12		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Xylenes, Total	5.28		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
m-Xylene & p-Xylene	3.48		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
o-Xylene	1.80		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	12/20/24 08:27	12/20/24 13:46	50
1,4-Difluorobenzene (Surr)	99		70 - 130	12/20/24 08:27	12/20/24 13:46	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	10.3		0.200		mg/Kg			12/20/24 13:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3950		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	154		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	3800		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	12/19/24 21:28	12/20/24 12:09	1
o-Terphenyl	121		70 - 130	12/19/24 21:28	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4280		49.9		mg/Kg			12/20/24 12:29	5

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0994	U	0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Ethylbenzene	5.40		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Toluene	1.34		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Xylenes, Total	7.57		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
m-Xylene & p-Xylene	4.90		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
o-Xylene	2.67		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130	12/20/24 08:27	12/20/24 14:06	50

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	12/20/24 08:27	12/20/24 14:06	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	14.3		0.199		mg/Kg			12/20/24 14:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3070		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	177		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	2890		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:28	12/20/24 12:23	1
o-Terphenyl	108		70 - 130				12/19/24 21:28	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3660		49.6		mg/Kg			12/20/24 08:36	5

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Ethylbenzene	0.0238		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Toluene	0.00837		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Xylenes, Total	0.0306		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
m-Xylene & p-Xylene	0.0204		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
o-Xylene	0.0102		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	12/20/24 08:33	12/20/24 11:49	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/20/24 08:33	12/20/24 11:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0628		0.00404		mg/Kg			12/20/24 11:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	538		49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Diesel Range Organics (Over C10-C28)	538	F1	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 11:11	1
o-Terphenyl	79		70 - 130				12/19/24 21:30	12/20/24 11:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3350		50.0		mg/Kg			12/20/24 08:43	5

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Ethylbenzene	0.0475		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Toluene	0.0124		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Xylenes, Total	0.0632		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
m-Xylene & p-Xylene	0.0373		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
o-Xylene	0.0259		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				12/20/24 08:33	12/20/24 12:10	1
1,4-Difluorobenzene (Surr)	93		70 - 130				12/20/24 08:33	12/20/24 12:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.123		0.00401		mg/Kg			12/20/24 12:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2710		49.8		mg/Kg			12/20/24 12:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Diesel Range Organics (Over C10-C28)	2710		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 12:00	1
o-Terphenyl	120		70 - 130				12/19/24 21:30	12/20/24 12:00	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1710		50.3		mg/Kg			12/20/24 08:50	5

Client Sample ID: SS 504

Lab Sample ID: 890-7492-15

Date Collected: 12/19/24 11:40

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Ethylbenzene	0.563		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Toluene	0.173		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Xylenes, Total	0.464		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
m-Xylene & p-Xylene	0.290		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
o-Xylene	0.174		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				12/20/24 08:33	12/20/24 13:32	10
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:33	12/20/24 13:32	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.20		0.0398		mg/Kg			12/20/24 13:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 12:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Diesel Range Organics (Over C10-C28)	1510		50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				12/19/24 21:30	12/20/24 12:15	1
o-Terphenyl	97		70 - 130				12/19/24 21:30	12/20/24 12:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2990		50.0		mg/Kg			12/20/24 09:12	5

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 398

Lab Sample ID: 890-7492-16

Date Collected: 12/19/24 11:27

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0262		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Ethylbenzene	0.199		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Toluene	0.168		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Xylenes, Total	0.269		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
m-Xylene & p-Xylene	0.158		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
o-Xylene	0.111		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130				12/20/24 08:33	12/20/24 12:30	1
1,4-Difluorobenzene (Surr)	96		70 - 130				12/20/24 08:33	12/20/24 12:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.662		0.00399		mg/Kg			12/20/24 12:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3130		49.9		mg/Kg			12/20/24 12:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.1	++	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Diesel Range Organics (Over C10-C28)	3040		49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				12/19/24 21:30	12/20/24 12:31	1
o-Terphenyl	120		70 - 130				12/19/24 21:30	12/20/24 12:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2960		50.1		mg/Kg			12/20/24 09:19	5

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Ethylbenzene	0.0487		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Toluene	0.00442		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Xylenes, Total	0.0402		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
m-Xylene & p-Xylene	0.0276		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
o-Xylene	0.0126		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				12/20/24 08:33	12/20/24 12:51	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	75		70 - 130	12/20/24 08:33	12/20/24 12:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0933		0.00404		mg/Kg			12/20/24 12:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	311		49.8		mg/Kg			12/20/24 12:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Diesel Range Organics (Over C10-C28)	311		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				12/19/24 21:30	12/20/24 12:47	1
o-Terphenyl	77		70 - 130				12/19/24 21:30	12/20/24 12:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.8		9.96		mg/Kg			12/20/24 09:26	1

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Ethylbenzene	0.191		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Toluene	0.110		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Xylenes, Total	0.265		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
m-Xylene & p-Xylene	0.156		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
o-Xylene	0.109		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130	12/20/24 08:33	12/20/24 13:11	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 13:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.566		0.00402		mg/Kg			12/20/24 13:11	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2050		49.9		mg/Kg			12/20/24 13:03	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Diesel Range Organics (Over C10-C28)	2050		49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				12/19/24 21:30	12/20/24 13:03	1
o-Terphenyl	106		70 - 130				12/19/24 21:30	12/20/24 13:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	930		10.0		mg/Kg			12/20/24 09:33	1

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Ethylbenzene	0.00665		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Toluene	0.00205		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Xylenes, Total	0.0105		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
m-Xylene & p-Xylene	0.00628		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
o-Xylene	0.00418		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				12/20/24 08:30	12/20/24 12:07	1
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 12:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0192		0.00404		mg/Kg			12/20/24 12:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	601		49.7		mg/Kg			12/20/24 13:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U **	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Diesel Range Organics (Over C10-C28)	601		49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				12/19/24 21:30	12/20/24 13:20	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 13:20	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3030		49.7		mg/Kg			12/20/24 09:40	5

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Xylenes, Total	0.133		0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
o-Xylene	0.133		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				12/20/24 08:30	12/20/24 12:27	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/20/24 08:30	12/20/24 12:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.133		0.00401		mg/Kg			12/20/24 12:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/20/24 13:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 13:36	1
o-Terphenyl	66	S1-	70 - 130				12/19/24 21:30	12/20/24 13:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		10.0		mg/Kg			12/20/24 09:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Ethylbenzene	0.950		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Toluene	0.199		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Xylenes, Total	1.58		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
m-Xylene & p-Xylene	0.943		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
o-Xylene	0.636		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	193	S1+	70 - 130				12/20/24 08:30	12/20/24 13:28	10
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 13:28	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.73		0.0398		mg/Kg			12/20/24 13:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2110		49.8		mg/Kg			12/20/24 13:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Diesel Range Organics (Over C10-C28)	2110		49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:30	12/20/24 13:52	1
o-Terphenyl	112		70 - 130				12/19/24 21:30	12/20/24 13:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	812		9.98		mg/Kg			12/20/24 10:09	1

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Ethylbenzene	0.0120		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Toluene	0.00377		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Xylenes, Total	0.0233		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
m-Xylene & p-Xylene	0.0102		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
o-Xylene	0.0131		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				12/20/24 08:30	12/20/24 12:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130	12/20/24 08:30	12/20/24 12:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0391		0.00399		mg/Kg			12/20/24 12:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	573		49.8		mg/Kg			12/20/24 14:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Diesel Range Organics (Over C10-C28)	573		49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 14:07	1
o-Terphenyl	78		70 - 130				12/19/24 21:30	12/20/24 14:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2650		50.1		mg/Kg			12/20/24 10:16	5

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Xylenes, Total	0.0889		0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
o-Xylene	0.0889		0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	12/20/24 08:30	12/20/24 13:08	1
1,4-Difluorobenzene (Surr)	91		70 - 130	12/20/24 08:30	12/20/24 13:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0889		0.00404		mg/Kg			12/20/24 13:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 420
Date Collected: 12/19/24 12:22
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-23
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	104		70 - 130				12/19/24 21:32	12/20/24 11:11	1	
o-Terphenyl	109		70 - 130				12/19/24 21:32	12/20/24 11:11	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	162		9.94		mg/Kg			12/20/24 10:38	1	

Surrogate Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-7492-1	SS 01	131 S1+	124
890-7492-2	SS 20	128	136 S1+
890-7492-3	SS 64	137 S1+	131 S1+
890-7492-4	SS 80	144 S1+	106
890-7492-5	SS 262	125	122
890-7492-6	SS 320	126	126
890-7492-7	SS 488	106	100
890-7492-8	SS 46	171 S1+	94
890-7492-9	SS 107	107	101
890-7492-10	SS 290	131 S1+	100
890-7492-11	SS 339	122	99
890-7492-12	SS 495	139 S1+	104
890-7492-13	SS 129	109	95
890-7492-14	SS 154	99	93
890-7492-15	SS 504	110	94
890-7492-16	SS 398	141 S1+	96
890-7492-17	SS 183	88	75
890-7492-18	SS 200	159 S1+	93
890-7492-19	SS 435	113	104
890-7492-20	SS 477	98	95
890-7492-21	SS 176	193 S1+	104
890-7492-22	SS 138	115	103
890-7492-23	SS 420	95	91
LCS 880-98432/1-A	Lab Control Sample	101	96
LCS 880-98433/1-A	Lab Control Sample	96	103
LCS 880-98434/1-A	Lab Control Sample	107	104
LCS 880-98435/1-A	Lab Control Sample	106	99
LCSD 880-98432/2-A	Lab Control Sample Dup	103	99
LCSD 880-98433/2-A	Lab Control Sample Dup	94	103
LCSD 880-98434/2-A	Lab Control Sample Dup	109	103
LCSD 880-98435/2-A	Lab Control Sample Dup	108	98
MB 880-98432/5-A	Method Blank	112	85
MB 880-98433/5-A	Method Blank	98	96
MB 880-98434/5-A	Method Blank	111	101
MB 880-98435/5-A	Method Blank	92	93
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-1	SS 01	83	86
890-7492-2	SS 20	76	77
890-7492-3	SS 64	75	78
890-7492-3 MS	SS 64	78	76

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Surrogate Summary

Client: CDH Consulting

Job ID: 890-7492-1

Project/Site: CLOSE ENCOUNTER 301 H

SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-3 MSD	SS 64	77	76
890-7492-4	SS 80	73	74
890-7492-5	SS 262	70	69 S1-
890-7492-6	SS 320	74	75
890-7492-7	SS 488	75	95
890-7492-8	SS 46	75	81
890-7492-9	SS 107	75	86
890-7492-10	SS 290	85	105
890-7492-11	SS 339	84	121
890-7492-12	SS 495	88	108
890-7492-13	SS 129	84	79
890-7492-13 MS	SS 129	80	81
890-7492-13 MSD	SS 129	79	81
890-7492-14	SS 154	84	120
890-7492-15	SS 504	92	97
890-7492-16	SS 398	85	120
890-7492-17	SS 183	87	77
890-7492-18	SS 200	82	106
890-7492-19	SS 435	77	74
890-7492-20	SS 477	81	66 S1-
890-7492-21	SS 176	88	112
890-7492-22	SS 138	81	78
890-7492-23	SS 420	104	109
890-7492-23 MS	SS 420	92	99
890-7492-23 MSD	SS 420	92	99
LCS 880-98401/2-A	Lab Control Sample	118	102
LCS 880-98402/2-A	Lab Control Sample	121	104
LCS 880-98403/2-A	Lab Control Sample	136 S1+	123
LCS 880-98404/2-A	Lab Control Sample	158 S1+	172 S1+
LCSD 880-98401/3-A	Lab Control Sample Dup	110	95
LCSD 880-98402/3-A	Lab Control Sample Dup	145 S1+	123
LCSD 880-98403/3-A	Lab Control Sample Dup	133 S1+	120
LCSD 880-98404/3-A	Lab Control Sample Dup	166 S1+	175 S1+
MB 880-98401/1-A	Method Blank	81	80
MB 880-98402/1-A	Method Blank	75	75
MB 880-98403/1-A	Method Blank	91	74
MB 880-98404/1-A	Method Blank	93	96
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-98432/5-A							Client Sample ID: Method Blank		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 98350							Prep Batch: 98432		
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				12/20/24 08:24	12/20/24 11:08	1
1,4-Difluorobenzene (Surr)	85		70 - 130				12/20/24 08:24	12/20/24 11:08	1

Lab Sample ID: LCS 880-98432/1-A							Client Sample ID: Lab Control Sample		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 98350							Prep Batch: 98432		
Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Benzene		0.100	0.1137		mg/Kg		114	70 - 130	
Ethylbenzene		0.100	0.1107		mg/Kg		111	70 - 130	
Toluene		0.100	0.1082		mg/Kg		108	70 - 130	
m-Xylene & p-Xylene		0.200	0.2221		mg/Kg		111	70 - 130	
o-Xylene		0.100	0.1128		mg/Kg		113	70 - 130	
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	101		70 - 130						
1,4-Difluorobenzene (Surr)	96		70 - 130						

Lab Sample ID: LCSD 880-98432/2-A							Client Sample ID: Lab Control Sample Dup			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 98350							Prep Batch: 98432			
Analyte		Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene		0.100	0.1182		mg/Kg		118	70 - 130	4	35
Ethylbenzene		0.100	0.1145		mg/Kg		114	70 - 130	3	35
Toluene		0.100	0.1119		mg/Kg		112	70 - 130	3	35
m-Xylene & p-Xylene		0.200	0.2282		mg/Kg		114	70 - 130	3	35
o-Xylene		0.100	0.1165		mg/Kg		117	70 - 130	3	35
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits							
4-Bromofluorobenzene (Surr)	103		70 - 130							
1,4-Difluorobenzene (Surr)	99		70 - 130							

Lab Sample ID: MB 880-98433/5-A							Client Sample ID: Method Blank		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 98351							Prep Batch: 98433		
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	12/20/24 08:27	12/20/24 11:02	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:27	12/20/24 11:02	1

Lab Sample ID: LCS 880-98433/1-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1001		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09410		mg/Kg		94	70 - 130
Toluene	0.100	0.09371		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1885		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09536		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-98433/2-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1048		mg/Kg		105	70 - 130	5	35
Ethylbenzene	0.100	0.09886		mg/Kg		99	70 - 130	5	35
Toluene	0.100	0.09817		mg/Kg		98	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1969		mg/Kg		98	70 - 130	4	35
o-Xylene	0.100	0.09974		mg/Kg		100	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	111		70 - 130	12/20/24 08:30	12/20/24 11:25	1
1,4-Difluorobenzene (Surr)	101		70 - 130	12/20/24 08:30	12/20/24 11:25	1

Lab Sample ID: LCS 880-98434/1-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.1149		mg/Kg		115	70 - 130
Ethylbenzene	0.100	0.1100		mg/Kg		110	70 - 130
Toluene	0.100	0.1116		mg/Kg		112	70 - 130
m-Xylene & p-Xylene	0.200	0.2234		mg/Kg		112	70 - 130
o-Xylene	0.100	0.1142		mg/Kg		114	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: LCSD 880-98434/2-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.1162		mg/Kg		116	70 - 130	1	35
Ethylbenzene	0.100	0.1102		mg/Kg		110	70 - 130	0	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2247		mg/Kg		112	70 - 130	1	35
o-Xylene	0.100	0.1148		mg/Kg		115	70 - 130	1	35

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-98435/5-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98435

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac		
4-Bromofluorobenzene (Surr)	92		70 - 130	12/20/24 08:33	12/20/24 11:07	1			
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 11:07	1			

Lab Sample ID: LCS 880-98435/1-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	0.100	0.1025		mg/Kg		103	70 - 130		
Ethylbenzene	0.100	0.1037		mg/Kg		104	70 - 130		
Toluene	0.100	0.1077		mg/Kg		108	70 - 130		
m-Xylene & p-Xylene	0.200	0.2015		mg/Kg		101	70 - 130		
o-Xylene	0.100	0.1117		mg/Kg		112	70 - 130		

	LCS	LCS							
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	106		70 - 130						
1,4-Difluorobenzene (Surr)	99		70 - 130						

Lab Sample ID: LCSD 880-98435/2-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1068		mg/Kg		107	70 - 130	4	35
Ethylbenzene	0.100	0.1065		mg/Kg		107	70 - 130	3	35
Toluene	0.100	0.1103		mg/Kg		110	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2041		mg/Kg		102	70 - 130	1	35
o-Xylene	0.100	0.1136		mg/Kg		114	70 - 130	2	35

	LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	108		70 - 130						
1,4-Difluorobenzene (Surr)	98		70 - 130						

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-98401/1-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98401

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac			
1-Chlorooctane	81		70 - 130	12/19/24 21:26	12/20/24 00:11	1				
o-Terphenyl	80		70 - 130	12/19/24 21:26	12/20/24 00:11	1				

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98401/2-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98401

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1058		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	960.9		mg/Kg		96	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	118		70 - 130				
o-Terphenyl	102		70 - 130				

Lab Sample ID: LCSD 880-98401/3-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98401

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1005		mg/Kg		101	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	903.5		mg/Kg		90	70 - 130	6	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	110		70 - 130						
o-Terphenyl	95		70 - 130						

Lab Sample ID: MB 880-98402/1-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 98402

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1-Chlorooctane	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	
o-Terphenyl	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	

Lab Sample ID: LCS 880-98402/2-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1061		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1028		mg/Kg		103	70 - 130

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98402/2-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98402

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: LCSD 880-98402/3-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98402

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1288		mg/Kg		129	70 - 130	19	20
Diesel Range Organics (Over C10-C28)			1000	1231		mg/Kg		123	70 - 130	18	20
Surrogate	LCSD	LCSD									
	%Recovery	Qualifier									
1-Chlorooctane	145	S1+									
o-Terphenyl	123										

Lab Sample ID: 890-7492-3 MS
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: SS 64
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	665.3	F1	mg/Kg		67	70 - 130		
Diesel Range Organics (Over C10-C28)	631	F1	998	1155	F1	mg/Kg		53	70 - 130		
Surrogate	MS	MS									
	%Recovery	Qualifier									
1-Chlorooctane	78										
o-Terphenyl	76										

Lab Sample ID: 890-7492-3 MSD
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: SS 64
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	660.4	F1	mg/Kg		66	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	631	F1	998	1141	F1	mg/Kg		51	70 - 130	1	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier									
1-Chlorooctane	77										
o-Terphenyl	76										

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-98403/1-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98403

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				12/19/24 21:30	12/20/24 09:12	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 09:12	1

Lab Sample ID: LCS 880-98403/2-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1333	*+	mg/Kg		133	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1178		mg/Kg		118	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	136	S1+	70 - 130				
o-Terphenyl	123		70 - 130				

Lab Sample ID: LCSD 880-98403/3-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1180		mg/Kg		118	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	1000	1166		mg/Kg		117	70 - 130	1	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	133	S1+	70 - 130						
o-Terphenyl	120		70 - 130						

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	997	729.6		mg/Kg		73	70 - 130
Diesel Range Organics (Over C10-C28)	538	F1	997	1207	F1	mg/Kg		67	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	80		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: 890-7492-13 MSD

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	997	855.4		mg/Kg		86	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	538	F1	997	1282		mg/Kg		75	70 - 130	6	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	79		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: MB 880-98404/1-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98404

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	93		70 - 130	12/19/24 21:32	12/20/24 09:12	1			
o-Terphenyl	96		70 - 130	12/19/24 21:32	12/20/24 09:12	1			

Lab Sample ID: LCS 880-98404/2-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1398	*+	mg/Kg		140	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1468	*+	mg/Kg		147	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	158	S1+	70 - 130
o-Terphenyl	172	S1+	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-98404/3-A
Matrix: Solid
Analysis Batch: 98430

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98404

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1465	*+	mg/Kg		147	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	1590	*+	mg/Kg		159	70 - 130	8	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	166	S1+	70 - 130						
o-Terphenyl	175	S1+	70 - 130						

Lab Sample ID: 890-7492-23 MS
Matrix: Solid
Analysis Batch: 98430

Client Sample ID: SS 420
Prep Type: Total/NA
Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	781.1		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	867.3		mg/Kg		84	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Lab Sample ID: 890-7492-23 MSD
Matrix: Solid
Analysis Batch: 98430

Client Sample ID: SS 420
Prep Type: Total/NA
Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	804.1		mg/Kg		80	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	863.1		mg/Kg		84	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-98374/1-A
Matrix: Solid
Analysis Batch: 98376

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 08:34	1

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-98374/2-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.6		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-98374/3-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	245.0		mg/Kg		98	90 - 110	2	20

Lab Sample ID: 890-7492-2 MS

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1300	F1	1250	3073	F1	mg/Kg		142	90 - 110

Lab Sample ID: 890-7492-2 MSD

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1300	F1	1250	3070	F1	mg/Kg		142	90 - 110	0	20

Lab Sample ID: MB 880-98373/1-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 03:00	1

Lab Sample ID: LCS 880-98373/2-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	258.6		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-98373/3-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	257.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-7492-20 MS

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: SS 477

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	126		257	387.5		mg/Kg		102	90 - 110

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-7492-20 MSD							Client Sample ID: SS 477					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 98377												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	126		248	372.8		mg/Kg		100	90 - 110	4	20	

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA

Analysis Batch: 98350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-2	SS 20	Total/NA	Solid	8021B	98432
890-7492-3	SS 64	Total/NA	Solid	8021B	98432
890-7492-4	SS 80	Total/NA	Solid	8021B	98432
890-7492-5	SS 262	Total/NA	Solid	8021B	98432
890-7492-6	SS 320	Total/NA	Solid	8021B	98432
MB 880-98432/5-A	Method Blank	Total/NA	Solid	8021B	98432
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	8021B	98432
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98432

Analysis Batch: 98351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	8021B	98433
890-7492-8	SS 46	Total/NA	Solid	8021B	98433
890-7492-9	SS 107	Total/NA	Solid	8021B	98433
890-7492-10	SS 290	Total/NA	Solid	8021B	98433
890-7492-11	SS 339	Total/NA	Solid	8021B	98433
890-7492-12	SS 495	Total/NA	Solid	8021B	98433
MB 880-98433/5-A	Method Blank	Total/NA	Solid	8021B	98433
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	8021B	98433
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98433

Analysis Batch: 98352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	8021B	98434
890-7492-20	SS 477	Total/NA	Solid	8021B	98434
890-7492-21	SS 176	Total/NA	Solid	8021B	98434
890-7492-22	SS 138	Total/NA	Solid	8021B	98434
890-7492-23	SS 420	Total/NA	Solid	8021B	98434
MB 880-98434/5-A	Method Blank	Total/NA	Solid	8021B	98434
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	8021B	98434
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98434

Analysis Batch: 98353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8021B	98435
890-7492-14	SS 154	Total/NA	Solid	8021B	98435
890-7492-15	SS 504	Total/NA	Solid	8021B	98435
890-7492-16	SS 398	Total/NA	Solid	8021B	98435
890-7492-17	SS 183	Total/NA	Solid	8021B	98435
890-7492-18	SS 200	Total/NA	Solid	8021B	98435
MB 880-98435/5-A	Method Blank	Total/NA	Solid	8021B	98435
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	8021B	98435
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98435

Prep Batch: 98432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	5035	
890-7492-2	SS 20	Total/NA	Solid	5035	
890-7492-3	SS 64	Total/NA	Solid	5035	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Prep Batch: 98432 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-4	SS 80	Total/NA	Solid	5035	
890-7492-5	SS 262	Total/NA	Solid	5035	
890-7492-6	SS 320	Total/NA	Solid	5035	
MB 880-98432/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	5035	
890-7492-8	SS 46	Total/NA	Solid	5035	
890-7492-9	SS 107	Total/NA	Solid	5035	
890-7492-10	SS 290	Total/NA	Solid	5035	
890-7492-11	SS 339	Total/NA	Solid	5035	
890-7492-12	SS 495	Total/NA	Solid	5035	
MB 880-98433/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	5035	
890-7492-20	SS 477	Total/NA	Solid	5035	
890-7492-21	SS 176	Total/NA	Solid	5035	
890-7492-22	SS 138	Total/NA	Solid	5035	
890-7492-23	SS 420	Total/NA	Solid	5035	
MB 880-98434/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	5035	
890-7492-14	SS 154	Total/NA	Solid	5035	
890-7492-15	SS 504	Total/NA	Solid	5035	
890-7492-16	SS 398	Total/NA	Solid	5035	
890-7492-17	SS 183	Total/NA	Solid	5035	
890-7492-18	SS 200	Total/NA	Solid	5035	
MB 880-98435/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 98498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	Total BTEX	
890-7492-2	SS 20	Total/NA	Solid	Total BTEX	
890-7492-3	SS 64	Total/NA	Solid	Total BTEX	
890-7492-4	SS 80	Total/NA	Solid	Total BTEX	
890-7492-5	SS 262	Total/NA	Solid	Total BTEX	
890-7492-6	SS 320	Total/NA	Solid	Total BTEX	
890-7492-7	SS 488	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Analysis Batch: 98498 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-8	SS 46	Total/NA	Solid	Total BTEX	
890-7492-9	SS 107	Total/NA	Solid	Total BTEX	
890-7492-10	SS 290	Total/NA	Solid	Total BTEX	
890-7492-11	SS 339	Total/NA	Solid	Total BTEX	
890-7492-12	SS 495	Total/NA	Solid	Total BTEX	
890-7492-13	SS 129	Total/NA	Solid	Total BTEX	
890-7492-14	SS 154	Total/NA	Solid	Total BTEX	
890-7492-15	SS 504	Total/NA	Solid	Total BTEX	
890-7492-16	SS 398	Total/NA	Solid	Total BTEX	
890-7492-17	SS 183	Total/NA	Solid	Total BTEX	
890-7492-18	SS 200	Total/NA	Solid	Total BTEX	
890-7492-19	SS 435	Total/NA	Solid	Total BTEX	
890-7492-20	SS 477	Total/NA	Solid	Total BTEX	
890-7492-21	SS 176	Total/NA	Solid	Total BTEX	
890-7492-22	SS 138	Total/NA	Solid	Total BTEX	
890-7492-23	SS 420	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 98401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015NM Prep	
890-7492-2	SS 20	Total/NA	Solid	8015NM Prep	
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 98402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-4	SS 80	Total/NA	Solid	8015NM Prep	
890-7492-5	SS 262	Total/NA	Solid	8015NM Prep	
890-7492-6	SS 320	Total/NA	Solid	8015NM Prep	
890-7492-7	SS 488	Total/NA	Solid	8015NM Prep	
890-7492-8	SS 46	Total/NA	Solid	8015NM Prep	
890-7492-9	SS 107	Total/NA	Solid	8015NM Prep	
890-7492-10	SS 290	Total/NA	Solid	8015NM Prep	
890-7492-11	SS 339	Total/NA	Solid	8015NM Prep	
890-7492-12	SS 495	Total/NA	Solid	8015NM Prep	
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-3 MS	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-3 MSD	SS 64	Total/NA	Solid	8015NM Prep	

Prep Batch: 98403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-14	SS 154	Total/NA	Solid	8015NM Prep	
890-7492-15	SS 504	Total/NA	Solid	8015NM Prep	
890-7492-16	SS 398	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Prep Batch: 98403 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-17	SS 183	Total/NA	Solid	8015NM Prep	
890-7492-18	SS 200	Total/NA	Solid	8015NM Prep	
890-7492-19	SS 435	Total/NA	Solid	8015NM Prep	
890-7492-20	SS 477	Total/NA	Solid	8015NM Prep	
890-7492-21	SS 176	Total/NA	Solid	8015NM Prep	
890-7492-22	SS 138	Total/NA	Solid	8015NM Prep	
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-13 MS	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-13 MSD	SS 129	Total/NA	Solid	8015NM Prep	

Prep Batch: 98404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015NM Prep	
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-23 MS	SS 420	Total/NA	Solid	8015NM Prep	
890-7492-23 MSD	SS 420	Total/NA	Solid	8015NM Prep	

Analysis Batch: 98423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015B NM	98401
890-7492-2	SS 20	Total/NA	Solid	8015B NM	98401
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015B NM	98401
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98401
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98401

Analysis Batch: 98425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-4	SS 80	Total/NA	Solid	8015B NM	98402
890-7492-5	SS 262	Total/NA	Solid	8015B NM	98402
890-7492-6	SS 320	Total/NA	Solid	8015B NM	98402
890-7492-7	SS 488	Total/NA	Solid	8015B NM	98402
890-7492-8	SS 46	Total/NA	Solid	8015B NM	98402
890-7492-9	SS 107	Total/NA	Solid	8015B NM	98402
890-7492-10	SS 290	Total/NA	Solid	8015B NM	98402
890-7492-11	SS 339	Total/NA	Solid	8015B NM	98402
890-7492-12	SS 495	Total/NA	Solid	8015B NM	98402
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015B NM	98402
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98402
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98402
890-7492-3 MS	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-3 MSD	SS 64	Total/NA	Solid	8015B NM	98402

Analysis Batch: 98427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-14	SS 154	Total/NA	Solid	8015B NM	98403

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Analysis Batch: 98427 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-15	SS 504	Total/NA	Solid	8015B NM	98403
890-7492-16	SS 398	Total/NA	Solid	8015B NM	98403
890-7492-17	SS 183	Total/NA	Solid	8015B NM	98403
890-7492-18	SS 200	Total/NA	Solid	8015B NM	98403
890-7492-19	SS 435	Total/NA	Solid	8015B NM	98403
890-7492-20	SS 477	Total/NA	Solid	8015B NM	98403
890-7492-21	SS 176	Total/NA	Solid	8015B NM	98403
890-7492-22	SS 138	Total/NA	Solid	8015B NM	98403
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015B NM	98403
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98403
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98403
890-7492-13 MS	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-13 MSD	SS 129	Total/NA	Solid	8015B NM	98403

Analysis Batch: 98430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015B NM	98404
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015B NM	98404
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98404
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98404
890-7492-23 MS	SS 420	Total/NA	Solid	8015B NM	98404
890-7492-23 MSD	SS 420	Total/NA	Solid	8015B NM	98404

Analysis Batch: 98523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015 NM	
890-7492-2	SS 20	Total/NA	Solid	8015 NM	
890-7492-3	SS 64	Total/NA	Solid	8015 NM	
890-7492-4	SS 80	Total/NA	Solid	8015 NM	
890-7492-5	SS 262	Total/NA	Solid	8015 NM	
890-7492-6	SS 320	Total/NA	Solid	8015 NM	
890-7492-7	SS 488	Total/NA	Solid	8015 NM	
890-7492-8	SS 46	Total/NA	Solid	8015 NM	
890-7492-9	SS 107	Total/NA	Solid	8015 NM	
890-7492-10	SS 290	Total/NA	Solid	8015 NM	
890-7492-11	SS 339	Total/NA	Solid	8015 NM	
890-7492-12	SS 495	Total/NA	Solid	8015 NM	
890-7492-13	SS 129	Total/NA	Solid	8015 NM	
890-7492-14	SS 154	Total/NA	Solid	8015 NM	
890-7492-15	SS 504	Total/NA	Solid	8015 NM	
890-7492-16	SS 398	Total/NA	Solid	8015 NM	
890-7492-17	SS 183	Total/NA	Solid	8015 NM	
890-7492-18	SS 200	Total/NA	Solid	8015 NM	
890-7492-19	SS 435	Total/NA	Solid	8015 NM	
890-7492-20	SS 477	Total/NA	Solid	8015 NM	
890-7492-21	SS 176	Total/NA	Solid	8015 NM	
890-7492-22	SS 138	Total/NA	Solid	8015 NM	
890-7492-23	SS 420	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC

Leach Batch: 98373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	DI Leach	
890-7492-13	SS 129	Soluble	Solid	DI Leach	
890-7492-14	SS 154	Soluble	Solid	DI Leach	
890-7492-15	SS 504	Soluble	Solid	DI Leach	
890-7492-16	SS 398	Soluble	Solid	DI Leach	
890-7492-17	SS 183	Soluble	Solid	DI Leach	
890-7492-18	SS 200	Soluble	Solid	DI Leach	
890-7492-19	SS 435	Soluble	Solid	DI Leach	
890-7492-20	SS 477	Soluble	Solid	DI Leach	
890-7492-21	SS 176	Soluble	Solid	DI Leach	
890-7492-22	SS 138	Soluble	Solid	DI Leach	
890-7492-23	SS 420	Soluble	Solid	DI Leach	
MB 880-98373/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-20 MS	SS 477	Soluble	Solid	DI Leach	
890-7492-20 MSD	SS 477	Soluble	Solid	DI Leach	

Leach Batch: 98374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	DI Leach	
890-7492-2	SS 20	Soluble	Solid	DI Leach	
890-7492-3	SS 64	Soluble	Solid	DI Leach	
890-7492-4	SS 80	Soluble	Solid	DI Leach	
890-7492-5	SS 262	Soluble	Solid	DI Leach	
890-7492-6	SS 320	Soluble	Solid	DI Leach	
890-7492-7	SS 488	Soluble	Solid	DI Leach	
890-7492-8	SS 46	Soluble	Solid	DI Leach	
890-7492-9	SS 107	Soluble	Solid	DI Leach	
890-7492-10	SS 290	Soluble	Solid	DI Leach	
890-7492-11	SS 339	Soluble	Solid	DI Leach	
MB 880-98374/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-2 MS	SS 20	Soluble	Solid	DI Leach	
890-7492-2 MSD	SS 20	Soluble	Solid	DI Leach	

Analysis Batch: 98376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	300.0	98374
890-7492-2	SS 20	Soluble	Solid	300.0	98374
890-7492-3	SS 64	Soluble	Solid	300.0	98374
890-7492-4	SS 80	Soluble	Solid	300.0	98374
890-7492-5	SS 262	Soluble	Solid	300.0	98374
890-7492-6	SS 320	Soluble	Solid	300.0	98374
890-7492-7	SS 488	Soluble	Solid	300.0	98374
890-7492-8	SS 46	Soluble	Solid	300.0	98374
890-7492-9	SS 107	Soluble	Solid	300.0	98374
890-7492-10	SS 290	Soluble	Solid	300.0	98374
890-7492-11	SS 339	Soluble	Solid	300.0	98374
MB 880-98374/1-A	Method Blank	Soluble	Solid	300.0	98374

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC (Continued)

Analysis Batch: 98376 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	300.0	98374
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98374
890-7492-2 MS	SS 20	Soluble	Solid	300.0	98374
890-7492-2 MSD	SS 20	Soluble	Solid	300.0	98374

Analysis Batch: 98377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	300.0	98373
890-7492-13	SS 129	Soluble	Solid	300.0	98373
890-7492-14	SS 154	Soluble	Solid	300.0	98373
890-7492-15	SS 504	Soluble	Solid	300.0	98373
890-7492-16	SS 398	Soluble	Solid	300.0	98373
890-7492-17	SS 183	Soluble	Solid	300.0	98373
890-7492-18	SS 200	Soluble	Solid	300.0	98373
890-7492-19	SS 435	Soluble	Solid	300.0	98373
890-7492-20	SS 477	Soluble	Solid	300.0	98373
890-7492-21	SS 176	Soluble	Solid	300.0	98373
890-7492-22	SS 138	Soluble	Solid	300.0	98373
890-7492-23	SS 420	Soluble	Solid	300.0	98373
MB 880-98373/1-A	Method Blank	Soluble	Solid	300.0	98373
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	300.0	98373
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98373
890-7492-20 MS	SS 477	Soluble	Solid	300.0	98373
890-7492-20 MSD	SS 477	Soluble	Solid	300.0	98373

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01
Date Collected: 12/19/24 08:20
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 11:51
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		5	98350	MNR	EET MID	12/20/24 13:55
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:55
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		20	98376	CH	EET MID	12/20/24 10:49

Client Sample ID: SS 20
Date Collected: 12/19/24 08:36
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:15
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:15
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 10:58

Client Sample ID: SS 64
Date Collected: 12/19/24 08:47
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 12:33
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:33
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 09:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 09:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:54

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80
Date Collected: 12/19/24 08:53
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:36
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:36
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:24
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:24
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:30

Client Sample ID: SS 262
Date Collected: 12/19/24 08:59
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		50	98350	MNR	EET MID	12/20/24 13:14
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:14
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:38
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:38
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:48

Client Sample ID: SS 320
Date Collected: 12/19/24 09:04
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		25	98350	MNR	EET MID	12/20/24 13:34
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:34
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:53
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:53
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:59

Client Sample ID: SS 488
Date Collected: 12/19/24 09:12
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		100	98351	MNR	EET MID	12/20/24 12:24
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:24

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488
Date Collected: 12/19/24 09:12
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:08
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:08
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:06

Client Sample ID: SS 46
Date Collected: 12/19/24 10:15
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 12:45
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:45
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:25
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:25
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:11

Client Sample ID: SS 107
Date Collected: 12/19/24 10:22
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:05
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:05
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:17

Client Sample ID: SS 290
Date Collected: 12/19/24 10:30
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:25
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:25
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:54
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:54

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 290

Date Collected: 12/19/24 10:30

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:23

Client Sample ID: SS 339

Date Collected: 12/19/24 10:37

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:46
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:46
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:29

Client Sample ID: SS 495

Date Collected: 12/19/24 10:44

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 14:06
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:06
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:36

Client Sample ID: SS 129

Date Collected: 12/19/24 11:07

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 11:49
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 11:49
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:43

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154
Date Collected: 12/19/24 11:19
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:10
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:10
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:00
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:00
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:50

Client Sample ID: SS 504
Date Collected: 12/19/24 11:40
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		10	98353	MNR	EET MID	12/20/24 13:32
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:32
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:15
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:15
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:12

Client Sample ID: SS 398
Date Collected: 12/19/24 11:27
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:30
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:30
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:31
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:31
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:19

Client Sample ID: SS 183
Date Collected: 12/19/24 11:44
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:51
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:51

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183**Lab Sample ID: 890-7492-17****Date Collected: 12/19/24 11:44****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:47
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:47
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:26

Client Sample ID: SS 200**Lab Sample ID: 890-7492-18****Date Collected: 12/19/24 11:49****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 13:11
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:11
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:03
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:03
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:33

Client Sample ID: SS 435**Lab Sample ID: 890-7492-19****Date Collected: 12/19/24 11:53****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:07
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:07
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:20
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:20
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:40

Client Sample ID: SS 477**Lab Sample ID: 890-7492-20****Date Collected: 12/19/24 12:02****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:27
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:27
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:36
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:36

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:48

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		10	98352	MNR	EET MID	12/20/24 13:28
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:28
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:52
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:52
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:09

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:48
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:48
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 14:07
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 14:07
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 10:16

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 13:08
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:08
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98404	EL	EET MID	12/19/24 21:32
Total/NA	Analysis	8015B NM		1	98430	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:38

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Accreditation/Certification Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7492-1	SS 01	Solid	12/19/24 08:20	12/19/24 15:45	- SURFACE
890-7492-2	SS 20	Solid	12/19/24 08:36	12/19/24 15:45	- SURFACE
890-7492-3	SS 64	Solid	12/19/24 08:47	12/19/24 15:45	- SURFACE
890-7492-4	SS 80	Solid	12/19/24 08:53	12/19/24 15:45	- SURFACE
890-7492-5	SS 262	Solid	12/19/24 08:59	12/19/24 15:45	- SURFACE
890-7492-6	SS 320	Solid	12/19/24 09:04	12/19/24 15:45	- SURFACE
890-7492-7	SS 488	Solid	12/19/24 09:12	12/19/24 15:45	- SURFACE
890-7492-8	SS 46	Solid	12/19/24 10:15	12/19/24 15:45	- SURFACE
890-7492-9	SS 107	Solid	12/19/24 10:22	12/19/24 15:45	- SURFACE
890-7492-10	SS 290	Solid	12/19/24 10:30	12/19/24 15:45	- SURFACE
890-7492-11	SS 339	Solid	12/19/24 10:37	12/19/24 15:45	- SURFACE
890-7492-12	SS 495	Solid	12/19/24 10:44	12/19/24 15:45	- SURFACE
890-7492-13	SS 129	Solid	12/19/24 11:07	12/19/24 15:45	- SURFACE
890-7492-14	SS 154	Solid	12/19/24 11:19	12/19/24 15:45	- SURFACE
890-7492-15	SS 504	Solid	12/19/24 11:40	12/19/24 15:45	- SURFACE
890-7492-16	SS 398	Solid	12/19/24 11:27	12/19/24 15:45	- SURFACE
890-7492-17	SS 183	Solid	12/19/24 11:44	12/19/24 15:45	- SURFACE
890-7492-18	SS 200	Solid	12/19/24 11:49	12/19/24 15:45	- SURFACE
890-7492-19	SS 435	Solid	12/19/24 11:53	12/19/24 15:45	- SURFACE
890-7492-20	SS 477	Solid	12/19/24 12:02	12/19/24 15:45	- SURFACE
890-7492-21	SS 176	Solid	12/19/24 12:07	12/19/24 15:45	- SURFACE
890-7492-22	SS 138	Solid	12/19/24 12:17	12/19/24 15:45	- SURFACE
890-7492-23	SS 420	Solid	12/19/24 12:22	12/19/24 15:45	- SURFACE

Chain of Custody



Environment Testing

Work Order No.:

Page 1 of 3

Project Manager: Michael Wicker		Bill to: (if different) CDT Consulting	
Company Name: CDT		Company Name:	
Address:		Address:	
City, State ZIP:		City, State ZIP:	
Phone: 1016-970-8459		Email: mwicker@cdtconsult.com	
Project Name: Close Encounter 30114		Turn Around	
Project Number:		☐ Routine ☒ Rush	
Project Location: Buckeye, NM		Due Date: 12-20-2014	
Sampler's Name: Dakeatah Cueto		TAT starts the day received by the lab, if received by 4:30pm	
PO #:			
SAMPLE RECEIPT		Parameters	
Temp Blank: Yes No ☒ Wet Ice: Yes No ☒		Grav. # of	
Samples Received Intact: Yes No ☒ Thermometer ID: T-0.2		Depth Comp Cont	
Cooler Custody Seals: Yes No ☒ Correction Factor: -0.2			
Sample Custody Seals: Yes No ☒ Temperature Reading: 5.2			
Total Containers:		Corrected Temperature: 5.0	
Sample Identification		Time Sampled	
Matrix		Date Sampled	
5501		12-19-14	
5520		08:30	
5564		08:36	
5580		08:47	
55262		08:53	
55320		08:59	
55488		09:04	
5546		09:12	
55107		10:15	
55290		10:22	
		10:30	
Total 200.7 / 6010 200.8 / 6020:		8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti Sn U V Zn	
Circle Method(s) and Metal(s) to be analyzed		TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471	
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$5.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.			
Relinquished by: (Signature) Dakeatah Cueto		Received by: (Signature) 12/19/14	
Date/Time		Date/Time	

Chain of Custody



Environment Testing

Work Order No:

Page 2 of 3

Little Rock, AR (501) 224-5060

Project Manager: Michael Wicker						Bill to: (if different)						Company Name: CDT Consulting						Work-Order Comments:																	
Company Name: CDT						Company Name:						Address:						Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐																	
Address:						City, State ZIP:						City, State ZIP:						State of Project:																	
Phone: bell-970-8459						Email: mwicker@cdtconsult.com						Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐						Deliverables: EDD ☐ ADAPT ☐ Other:																	
Project Name: Close Encounters 3014												ANALYSIS REQUEST												Preservative Codes											
Project Number:																								None: NO DI Water: H ₂ O											
Project Location: Buckeye, NM																								Cool: Cool MeOH: Me											
Sampler's Name: Dakotaiah Cueto																								HCL: HC HNO ₃											
PO #:																								H ₂ SO ₄ : H ₂ NaOH: Na											
SAMPLE RECEIPT																								H ₃ PO ₄ : HP											
Temp Blank:				Yes No		Wet Ice:		Yes No														NaHSO ₄ : NABIS													
Samples Received Intact:				Yes No		Thermometer ID:																Na ₂ S ₂ O ₃ : NaSO ₃													
Cooler Custody Seals:				Yes No		Correction Factor:																Zn Acetate+NaOH: Zn													
Sample Custody Seals:				Yes No		Temperature Reading:																NaOH+Ascorbic Acid: SAPC													
Total Containers:				Corrected Temperature:																															
Sample Identification												Matrix		Date Sampled		Time Sampled		Depth		Grab/Comp		# of Cont		Sample Comments											
SS339												S		12/14/2014		10:37		Surf		C		1													
SS495												S		{		10:44		{		C		1													
SS129												S		{		11:07		{		C		1													
SS154												S		{		11:19		{		C		1													
SS504												S		{		11:40		{		C		1													
SS398												S		{		11:27		{		C		1													
SS183												S		{		11:44		{		C		1													
SS200												S		{		11:49		{		C		1													
SS435												S		{		11:53		{		C		1													
SS477												S		{		12:02		{		C		1													
Total 200.7 / 6010												200.8 / 6020:												8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn											
Circle Method(s) and Metal(s) to be analyzed												ICLIP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U												Ha: 1631 / 245.1 / 7470 / 7471											

NOTES: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$88.00 will be applied to each prolect and a charge of \$2 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	<i>Danesh Veto</i>			2		
3				4		
5				6		

Revised Date: 08/25/2020 Rev. 2020 2



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3499
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 3 of 3

[illegible]

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Source: Eurofins Carlsbad

List Number: 1

Creator: Bruns, Shannon

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Source: Eurofins Midland

List Number: 2

List Creation: 12/19/24 09:21 PM

Creator: Laing, Edmundo

Question	Answer	Comment
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time (excluding tests with immediate HTs)		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").		



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Michael Wicker
CDH Consulting
9446 Clermont St,
Thornton, Colorado 80229
Generated 12/20/2024 3:02:55 PM

JOB DESCRIPTION

CLOSE ENCOUNTER 301 H
BUCKEYE

JOB NUMBER

890-7492-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

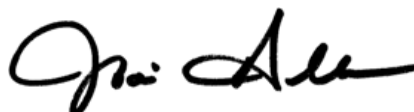
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
12/20/2024 3:02:55 PM

Authorized for release by
Jodi Allen, Project Manager I
Jodi.Allen@et.eurofinsus.com
(281)520-2865

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Laboratory Job ID: 890-7492-1
SDG: BUCKEYE

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Definitions/Glossary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1**Eurofins Carlsbad****Job Narrative
890-7492-1**

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 12/19/2024 3:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 64 (890-7492-3), SS 80 (890-7492-4), SS 262 (890-7492-5), SS 320 (890-7492-6), SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11), SS 495 (890-7492-12), SS 129 (890-7492-13), SS 154 (890-7492-14), SS 504 (890-7492-15), SS 398 (890-7492-16), SS 183 (890-7492-17), SS 200 (890-7492-18), SS 435 (890-7492-19), SS 477 (890-7492-20), SS 176 (890-7492-21), SS 138 (890-7492-22) and SS 420 (890-7492-23).

GC VOA

Method 8021B: The following samples were diluted due to physical characteristics such as color, odor, appearance, viscosity, etc. >>: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 80 (890-7492-4), SS 262 (890-7492-5) and SS 320 (890-7492-6). Elevated reporting limits (RL) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 01 (890-7492-1), SS 20 (890-7492-2) and SS 64 (890-7492-3). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 398 (890-7492-16) and SS 200 (890-7492-18). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SS 176 (890-7492-21). Evidence of matrix interferences is not obvious.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11) and SS 495 (890-7492-12). Elevated reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 46 (890-7492-8), SS 290 (890-7492-10) and SS 495 (890-7492-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: SS 504 (890-7492-15). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-98402/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98402 and analytical batch 880-98425 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within

Eurofins Carlsbad

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1 (Continued)

Eurofins Carlsbad

acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SS 262 (890-7492-5). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Due to the high concentration of Diesel Range Organics (Over C10-C28), the matrix spike (MS) for preparation batch 880-98403 and analytical batch 880-98427 could not be evaluated for accuracy. The associated matrix spike duplicate (MSD) met acceptance criteria.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SS 477 (890-7492-20), (LCS 880-98403/2-A) and (LCSD 880-98403/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The method blank for preparation batch 880-98404 and analytical batch 880-98430 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-98404/2-A) and (LCSD 880-98404/3-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-98404 and analytical batch 880-98430 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The laboratory control sample (LCS) for preparation batch 880-98403 and analytical batch 880-98427 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10. Since only an acceptable LCSD is required per the method, the LCSD shows recovery for the batch and the data has been qualified and reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98374 and analytical batch 880-98376 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Carlsbad

Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01

Lab Sample ID: 890-7492-1

Date Collected: 12/19/24 08:20

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0101	U	0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Ethylbenzene	0.0947		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Toluene	0.0306		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Xylenes, Total	1.81		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
m-Xylene & p-Xylene	0.0449		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
o-Xylene	1.77		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 11:51	20
1,4-Difluorobenzene (Surr)	124		70 - 130	12/20/24 08:24	12/20/24 11:51	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.94		0.0202		mg/Kg			12/20/24 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	287		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	287		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	12/19/24 21:26	12/20/24 12:09	1
o-Terphenyl	86		70 - 130	12/19/24 21:26	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17600		199		mg/Kg			12/20/24 10:49	20

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Ethylbenzene	0.0420		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Toluene	0.0216		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Xylenes, Total	0.350		0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
m-Xylene & p-Xylene	<0.0401	U	0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
o-Xylene	0.350		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	12/20/24 08:24	12/20/24 14:15	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	136	S1+	70 - 130	12/20/24 08:24	12/20/24 14:15	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.414		0.0401		mg/Kg			12/20/24 14:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	110		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	110		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				12/19/24 21:26	12/20/24 12:23	1
o-Terphenyl	77		70 - 130				12/19/24 21:26	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300	F1	49.9		mg/Kg			12/20/24 10:58	5

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Ethylbenzene	0.242		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Toluene	0.0581		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Xylenes, Total	0.781		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
m-Xylene & p-Xylene	0.189		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
o-Xylene	0.592		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20
1,4-Difluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.08		0.0795		mg/Kg			12/20/24 12:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	631		50.0		mg/Kg			12/20/24 09:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Diesel Range Organics (Over C10-C28)	631	F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 09:40	1
o-Terphenyl	78		70 - 130				12/19/24 21:28	12/20/24 09:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3110		50.2		mg/Kg			12/20/24 11:54	5

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Ethylbenzene	0.0344		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Toluene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Xylenes, Total	0.680		0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
m-Xylene & p-Xylene	<0.0399	U	0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
o-Xylene	0.680		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				12/20/24 08:24	12/20/24 14:36	10
1,4-Difluorobenzene (Surr)	106		70 - 130				12/20/24 08:24	12/20/24 14:36	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.714		0.0399		mg/Kg			12/20/24 14:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	188		50.0		mg/Kg			12/20/24 10:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Diesel Range Organics (Over C10-C28)	188		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				12/19/24 21:28	12/20/24 10:24	1
o-Terphenyl	74		70 - 130				12/19/24 21:28	12/20/24 10:24	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3070		100		mg/Kg			12/20/24 11:30	10

Client Sample ID: SS 262

Lab Sample ID: 890-7492-5

Date Collected: 12/19/24 08:59

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Ethylbenzene	0.966		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Toluene	0.415		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Xylenes, Total	1.51		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
m-Xylene & p-Xylene	0.756		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
o-Xylene	0.754		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				12/20/24 08:24	12/20/24 13:14	50
1,4-Difluorobenzene (Surr)	122		70 - 130				12/20/24 08:24	12/20/24 13:14	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.89		0.202		mg/Kg			12/20/24 13:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	463		50.0		mg/Kg			12/20/24 10:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Diesel Range Organics (Over C10-C28)	463		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				12/19/24 21:28	12/20/24 10:38	1
o-Terphenyl	69	S1-	70 - 130				12/19/24 21:28	12/20/24 10:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4470		99.4		mg/Kg			12/20/24 11:48	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 320
Date Collected: 12/19/24 09:04
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-6
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0503	U	0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Ethylbenzene	0.537		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Toluene	0.125		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Xylenes, Total	1.20		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
m-Xylene & p-Xylene	0.454		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
o-Xylene	0.746		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				12/20/24 08:24	12/20/24 13:34	25
1,4-Difluorobenzene (Surr)	126		70 - 130				12/20/24 08:24	12/20/24 13:34	25

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.86		0.101		mg/Kg			12/20/24 13:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	876		49.7		mg/Kg			12/20/24 10:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Diesel Range Organics (Over C10-C28)	876		49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				12/19/24 21:28	12/20/24 10:53	1
o-Terphenyl	75		70 - 130				12/19/24 21:28	12/20/24 10:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3410		49.8		mg/Kg			12/20/24 11:59	5

Client Sample ID: SS 488
Date Collected: 12/19/24 09:12
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-7
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.199	U	0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Ethylbenzene	1.92		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Toluene	0.602		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Xylenes, Total	3.04		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
m-Xylene & p-Xylene	1.78		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
o-Xylene	1.26		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				12/20/24 08:27	12/20/24 12:24	100

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	100		70 - 130	12/20/24 08:27	12/20/24 12:24	100

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	5.56		0.398		mg/Kg			12/20/24 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2500		49.8		mg/Kg			12/20/24 11:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.7		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Diesel Range Organics (Over C10-C28)	2410		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:08	1
o-Terphenyl	95		70 - 130				12/19/24 21:28	12/20/24 11:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3680		49.6		mg/Kg			12/20/24 12:06	5

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.11		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Ethylbenzene	9.28		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Toluene	7.96		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Xylenes, Total	10.9		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
m-Xylene & p-Xylene	6.88		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
o-Xylene	4.05		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130				12/20/24 08:27	12/20/24 12:45	50
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:27	12/20/24 12:45	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	29.3		0.200		mg/Kg			12/20/24 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1330		49.9		mg/Kg			12/20/24 11:25	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	95.0		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Diesel Range Organics (Over C10-C28)	1230		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:25	1
o-Terphenyl	81		70 - 130				12/19/24 21:28	12/20/24 11:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5420		101		mg/Kg			12/20/24 12:11	10

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Ethylbenzene	1.52		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Toluene	0.807		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Xylenes, Total	4.70		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
m-Xylene & p-Xylene	3.88		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
o-Xylene	0.815		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				12/20/24 08:27	12/20/24 13:05	50
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:27	12/20/24 13:05	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	7.02		0.202		mg/Kg			12/20/24 13:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	60.0		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Diesel Range Organics (Over C10-C28)	1450		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:40	1
o-Terphenyl	86		70 - 130				12/19/24 21:28	12/20/24 11:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5250		99.4		mg/Kg			12/20/24 12:17	10

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.151		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Ethylbenzene	3.30		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Toluene	1.75		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Xylenes, Total	4.33		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
m-Xylene & p-Xylene	2.60		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
o-Xylene	1.73		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:27	12/20/24 13:25	50
1,4-Difluorobenzene (Surr)	100		70 - 130				12/20/24 08:27	12/20/24 13:25	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	9.53		0.201		mg/Kg			12/20/24 13:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2470		49.8		mg/Kg			12/20/24 11:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	129		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Diesel Range Organics (Over C10-C28)	2340		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				12/19/24 21:28	12/20/24 11:54	1
o-Terphenyl	105		70 - 130				12/19/24 21:28	12/20/24 11:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5400		99.8		mg/Kg			12/20/24 12:23	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.106		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Ethylbenzene	3.81		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Toluene	1.12		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Xylenes, Total	5.28		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
m-Xylene & p-Xylene	3.48		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
o-Xylene	1.80		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	12/20/24 08:27	12/20/24 13:46	50
1,4-Difluorobenzene (Surr)	99		70 - 130	12/20/24 08:27	12/20/24 13:46	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	10.3		0.200		mg/Kg			12/20/24 13:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3950		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	154		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	3800		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	12/19/24 21:28	12/20/24 12:09	1
o-Terphenyl	121		70 - 130	12/19/24 21:28	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4280		49.9		mg/Kg			12/20/24 12:29	5

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0994	U	0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Ethylbenzene	5.40		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Toluene	1.34		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Xylenes, Total	7.57		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
m-Xylene & p-Xylene	4.90		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
o-Xylene	2.67		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130	12/20/24 08:27	12/20/24 14:06	50

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	12/20/24 08:27	12/20/24 14:06	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	14.3		0.199		mg/Kg			12/20/24 14:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3070		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	177		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	2890		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:28	12/20/24 12:23	1
o-Terphenyl	108		70 - 130				12/19/24 21:28	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3660		49.6		mg/Kg			12/20/24 08:36	5

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Ethylbenzene	0.0238		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Toluene	0.00837		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Xylenes, Total	0.0306		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
m-Xylene & p-Xylene	0.0204		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
o-Xylene	0.0102		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	12/20/24 08:33	12/20/24 11:49	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/20/24 08:33	12/20/24 11:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0628		0.00404		mg/Kg			12/20/24 11:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	538		49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Diesel Range Organics (Over C10-C28)	538	F1	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 11:11	1
o-Terphenyl	79		70 - 130				12/19/24 21:30	12/20/24 11:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3350		50.0		mg/Kg			12/20/24 08:43	5

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Ethylbenzene	0.0475		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Toluene	0.0124		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Xylenes, Total	0.0632		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
m-Xylene & p-Xylene	0.0373		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
o-Xylene	0.0259		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				12/20/24 08:33	12/20/24 12:10	1
1,4-Difluorobenzene (Surr)	93		70 - 130				12/20/24 08:33	12/20/24 12:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.123		0.00401		mg/Kg			12/20/24 12:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2710		49.8		mg/Kg			12/20/24 12:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Diesel Range Organics (Over C10-C28)	2710		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 12:00	1
o-Terphenyl	120		70 - 130				12/19/24 21:30	12/20/24 12:00	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1710		50.3		mg/Kg			12/20/24 08:50	5

Client Sample ID: SS 504

Lab Sample ID: 890-7492-15

Date Collected: 12/19/24 11:40

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Ethylbenzene	0.563		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Toluene	0.173		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Xylenes, Total	0.464		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
m-Xylene & p-Xylene	0.290		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
o-Xylene	0.174		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				12/20/24 08:33	12/20/24 13:32	10
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:33	12/20/24 13:32	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.20		0.0398		mg/Kg			12/20/24 13:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 12:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Diesel Range Organics (Over C10-C28)	1510		50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				12/19/24 21:30	12/20/24 12:15	1
o-Terphenyl	97		70 - 130				12/19/24 21:30	12/20/24 12:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2990		50.0		mg/Kg			12/20/24 09:12	5

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 398

Lab Sample ID: 890-7492-16

Date Collected: 12/19/24 11:27

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0262		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Ethylbenzene	0.199		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Toluene	0.168		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Xylenes, Total	0.269		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
m-Xylene & p-Xylene	0.158		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
o-Xylene	0.111		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	12/20/24 08:33	12/20/24 12:30	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:33	12/20/24 12:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.662		0.00399		mg/Kg			12/20/24 12:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3130		49.9		mg/Kg			12/20/24 12:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.1	*+	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Diesel Range Organics (Over C10-C28)	3040		49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	12/19/24 21:30	12/20/24 12:31	1
o-Terphenyl	120		70 - 130	12/19/24 21:30	12/20/24 12:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2960		50.1		mg/Kg			12/20/24 09:19	5

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Ethylbenzene	0.0487		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Toluene	0.00442		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Xylenes, Total	0.0402		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
m-Xylene & p-Xylene	0.0276		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
o-Xylene	0.0126		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	12/20/24 08:33	12/20/24 12:51	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	75		70 - 130	12/20/24 08:33	12/20/24 12:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0933		0.00404		mg/Kg			12/20/24 12:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	311		49.8		mg/Kg			12/20/24 12:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Diesel Range Organics (Over C10-C28)	311		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				12/19/24 21:30	12/20/24 12:47	1
o-Terphenyl	77		70 - 130				12/19/24 21:30	12/20/24 12:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.8		9.96		mg/Kg			12/20/24 09:26	1

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Ethylbenzene	0.191		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Toluene	0.110		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Xylenes, Total	0.265		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
m-Xylene & p-Xylene	0.156		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
o-Xylene	0.109		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130	12/20/24 08:33	12/20/24 13:11	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 13:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.566		0.00402		mg/Kg			12/20/24 13:11	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2050		49.9		mg/Kg			12/20/24 13:03	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Diesel Range Organics (Over C10-C28)	2050		49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				12/19/24 21:30	12/20/24 13:03	1
o-Terphenyl	106		70 - 130				12/19/24 21:30	12/20/24 13:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	930		10.0		mg/Kg			12/20/24 09:33	1

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Ethylbenzene	0.00665		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Toluene	0.00205		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Xylenes, Total	0.0105		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
m-Xylene & p-Xylene	0.00628		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
o-Xylene	0.00418		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				12/20/24 08:30	12/20/24 12:07	1
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 12:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0192		0.00404		mg/Kg			12/20/24 12:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	601		49.7		mg/Kg			12/20/24 13:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U **	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Diesel Range Organics (Over C10-C28)	601		49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				12/19/24 21:30	12/20/24 13:20	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 13:20	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3030		49.7		mg/Kg			12/20/24 09:40	5

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Xylenes, Total	0.133		0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
o-Xylene	0.133		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				12/20/24 08:30	12/20/24 12:27	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/20/24 08:30	12/20/24 12:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.133		0.00401		mg/Kg			12/20/24 12:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/20/24 13:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 13:36	1
o-Terphenyl	66	S1-	70 - 130				12/19/24 21:30	12/20/24 13:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		10.0		mg/Kg			12/20/24 09:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Ethylbenzene	0.950		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Toluene	0.199		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Xylenes, Total	1.58		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
m-Xylene & p-Xylene	0.943		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
o-Xylene	0.636		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	193	S1+	70 - 130				12/20/24 08:30	12/20/24 13:28	10
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 13:28	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.73		0.0398		mg/Kg			12/20/24 13:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2110		49.8		mg/Kg			12/20/24 13:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Diesel Range Organics (Over C10-C28)	2110		49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:30	12/20/24 13:52	1
o-Terphenyl	112		70 - 130				12/19/24 21:30	12/20/24 13:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	812		9.98		mg/Kg			12/20/24 10:09	1

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Ethylbenzene	0.0120		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Toluene	0.00377		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Xylenes, Total	0.0233		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
m-Xylene & p-Xylene	0.0102		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
o-Xylene	0.0131		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				12/20/24 08:30	12/20/24 12:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130	12/20/24 08:30	12/20/24 12:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0391		0.00399		mg/Kg			12/20/24 12:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	573		49.8		mg/Kg			12/20/24 14:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Diesel Range Organics (Over C10-C28)	573		49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 14:07	1
o-Terphenyl	78		70 - 130				12/19/24 21:30	12/20/24 14:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2650		50.1		mg/Kg			12/20/24 10:16	5

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Xylenes, Total	0.0889		0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
o-Xylene	0.0889		0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	12/20/24 08:30	12/20/24 13:08	1
1,4-Difluorobenzene (Surr)	91		70 - 130	12/20/24 08:30	12/20/24 13:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0889		0.00404		mg/Kg			12/20/24 13:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 420
Date Collected: 12/19/24 12:22
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-23
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	104		70 - 130				12/19/24 21:32	12/20/24 11:11	1	
o-Terphenyl	109		70 - 130				12/19/24 21:32	12/20/24 11:11	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	162		9.94		mg/Kg			12/20/24 10:38	1	

Surrogate Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-7492-1	SS 01	131 S1+	124
890-7492-2	SS 20	128	136 S1+
890-7492-3	SS 64	137 S1+	131 S1+
890-7492-4	SS 80	144 S1+	106
890-7492-5	SS 262	125	122
890-7492-6	SS 320	126	126
890-7492-7	SS 488	106	100
890-7492-8	SS 46	171 S1+	94
890-7492-9	SS 107	107	101
890-7492-10	SS 290	131 S1+	100
890-7492-11	SS 339	122	99
890-7492-12	SS 495	139 S1+	104
890-7492-13	SS 129	109	95
890-7492-14	SS 154	99	93
890-7492-15	SS 504	110	94
890-7492-16	SS 398	141 S1+	96
890-7492-17	SS 183	88	75
890-7492-18	SS 200	159 S1+	93
890-7492-19	SS 435	113	104
890-7492-20	SS 477	98	95
890-7492-21	SS 176	193 S1+	104
890-7492-22	SS 138	115	103
890-7492-23	SS 420	95	91
LCS 880-98432/1-A	Lab Control Sample	101	96
LCS 880-98433/1-A	Lab Control Sample	96	103
LCS 880-98434/1-A	Lab Control Sample	107	104
LCS 880-98435/1-A	Lab Control Sample	106	99
LCSD 880-98432/2-A	Lab Control Sample Dup	103	99
LCSD 880-98433/2-A	Lab Control Sample Dup	94	103
LCSD 880-98434/2-A	Lab Control Sample Dup	109	103
LCSD 880-98435/2-A	Lab Control Sample Dup	108	98
MB 880-98432/5-A	Method Blank	112	85
MB 880-98433/5-A	Method Blank	98	96
MB 880-98434/5-A	Method Blank	111	101
MB 880-98435/5-A	Method Blank	92	93
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-1	SS 01	83	86
890-7492-2	SS 20	76	77
890-7492-3	SS 64	75	78
890-7492-3 MS	SS 64	78	76

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Surrogate Summary

Client: CDH Consulting

Job ID: 890-7492-1

Project/Site: CLOSE ENCOUNTER 301 H

SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-3 MSD	SS 64	77	76
890-7492-4	SS 80	73	74
890-7492-5	SS 262	70	69 S1-
890-7492-6	SS 320	74	75
890-7492-7	SS 488	75	95
890-7492-8	SS 46	75	81
890-7492-9	SS 107	75	86
890-7492-10	SS 290	85	105
890-7492-11	SS 339	84	121
890-7492-12	SS 495	88	108
890-7492-13	SS 129	84	79
890-7492-13 MS	SS 129	80	81
890-7492-13 MSD	SS 129	79	81
890-7492-14	SS 154	84	120
890-7492-15	SS 504	92	97
890-7492-16	SS 398	85	120
890-7492-17	SS 183	87	77
890-7492-18	SS 200	82	106
890-7492-19	SS 435	77	74
890-7492-20	SS 477	81	66 S1-
890-7492-21	SS 176	88	112
890-7492-22	SS 138	81	78
890-7492-23	SS 420	104	109
890-7492-23 MS	SS 420	92	99
890-7492-23 MSD	SS 420	92	99
LCS 880-98401/2-A	Lab Control Sample	118	102
LCS 880-98402/2-A	Lab Control Sample	121	104
LCS 880-98403/2-A	Lab Control Sample	136 S1+	123
LCS 880-98404/2-A	Lab Control Sample	158 S1+	172 S1+
LCSD 880-98401/3-A	Lab Control Sample Dup	110	95
LCSD 880-98402/3-A	Lab Control Sample Dup	145 S1+	123
LCSD 880-98403/3-A	Lab Control Sample Dup	133 S1+	120
LCSD 880-98404/3-A	Lab Control Sample Dup	166 S1+	175 S1+
MB 880-98401/1-A	Method Blank	81	80
MB 880-98402/1-A	Method Blank	75	75
MB 880-98403/1-A	Method Blank	91	74
MB 880-98404/1-A	Method Blank	93	96
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-98432/5-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	12/20/24 08:24	12/20/24 11:08	1
1,4-Difluorobenzene (Surr)	85		70 - 130	12/20/24 08:24	12/20/24 11:08	1

Lab Sample ID: LCS 880-98432/1-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1137		mg/Kg		114	70 - 130
Ethylbenzene	0.100	0.1107		mg/Kg		111	70 - 130
Toluene	0.100	0.1082		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2221		mg/Kg		111	70 - 130
o-Xylene	0.100	0.1128		mg/Kg		113	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-98432/2-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1182		mg/Kg		118	70 - 130	4	35
Ethylbenzene	0.100	0.1145		mg/Kg		114	70 - 130	3	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2282		mg/Kg		114	70 - 130	3	35
o-Xylene	0.100	0.1165		mg/Kg		117	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	12/20/24 08:27	12/20/24 11:02	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:27	12/20/24 11:02	1

Lab Sample ID: LCS 880-98433/1-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1001		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09410		mg/Kg		94	70 - 130
Toluene	0.100	0.09371		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1885		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09536		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-98433/2-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1048		mg/Kg		105	70 - 130	5	35
Ethylbenzene	0.100	0.09886		mg/Kg		99	70 - 130	5	35
Toluene	0.100	0.09817		mg/Kg		98	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1969		mg/Kg		98	70 - 130	4	35
o-Xylene	0.100	0.09974		mg/Kg		100	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	111		70 - 130	12/20/24 08:30	12/20/24 11:25	1
1,4-Difluorobenzene (Surr)	101		70 - 130	12/20/24 08:30	12/20/24 11:25	1

Lab Sample ID: LCS 880-98434/1-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.1149		mg/Kg		115	70 - 130
Ethylbenzene	0.100	0.1100		mg/Kg		110	70 - 130
Toluene	0.100	0.1116		mg/Kg		112	70 - 130
m-Xylene & p-Xylene	0.200	0.2234		mg/Kg		112	70 - 130
o-Xylene	0.100	0.1142		mg/Kg		114	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: LCSD 880-98434/2-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.1162		mg/Kg		116	70 - 130	1	35
Ethylbenzene	0.100	0.1102		mg/Kg		110	70 - 130	0	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2247		mg/Kg		112	70 - 130	1	35
o-Xylene	0.100	0.1148		mg/Kg		115	70 - 130	1	35

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-98435/5-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98435

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac		
4-Bromofluorobenzene (Surr)	92		70 - 130	12/20/24 08:33	12/20/24 11:07	1			
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 11:07	1			

Lab Sample ID: LCS 880-98435/1-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1025		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.1037		mg/Kg		104	70 - 130
Toluene	0.100	0.1077		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2015		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1117		mg/Kg		112	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-98435/2-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1068		mg/Kg		107	70 - 130	4	35
Ethylbenzene	0.100	0.1065		mg/Kg		107	70 - 130	3	35
Toluene	0.100	0.1103		mg/Kg		110	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2041		mg/Kg		102	70 - 130	1	35
o-Xylene	0.100	0.1136		mg/Kg		114	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-98401/1-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98401

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil	Fac
1-Chlorooctane	81		70 - 130	12/19/24 21:26	12/20/24 00:11	1	
o-Terphenyl	80		70 - 130	12/19/24 21:26	12/20/24 00:11	1	

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98401/2-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98401

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1058		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	960.9		mg/Kg		96	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	118		70 - 130				
o-Terphenyl	102		70 - 130				

Lab Sample ID: LCSD 880-98401/3-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98401

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1005		mg/Kg		101	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	903.5		mg/Kg		90	70 - 130	6	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	110		70 - 130						
o-Terphenyl	95		70 - 130						

Lab Sample ID: MB 880-98402/1-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 98402

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1-Chlorooctane	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	
o-Terphenyl	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	

Lab Sample ID: LCS 880-98402/2-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1061		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1028		mg/Kg		103	70 - 130

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98402/2-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98402

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: LCSD 880-98402/3-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1288		mg/Kg		129	70 - 130	19	20
Diesel Range Organics (Over C10-C28)	1000	1231		mg/Kg		123	70 - 130	18	20
Surrogate	%Recovery	LCSD	LCSD						
1-Chlorooctane	145	S1+							
o-Terphenyl	123								

Lab Sample ID: 890-7492-3 MS
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: SS 64
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	665.3	F1	mg/Kg		67	70 - 130		
Diesel Range Organics (Over C10-C28)	631	F1	998	1155	F1	mg/Kg		53	70 - 130		
Surrogate	%Recovery	MS	MS								
1-Chlorooctane	78										
o-Terphenyl	76										

Lab Sample ID: 890-7492-3 MSD
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: SS 64
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	660.4	F1	mg/Kg		66	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	631	F1	998	1141	F1	mg/Kg		51	70 - 130	1	20
Surrogate	%Recovery	MSD	MSD								
1-Chlorooctane	77										
o-Terphenyl	76										

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-98403/1-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98403

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				12/19/24 21:30	12/20/24 09:12	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 09:12	1

Lab Sample ID: LCS 880-98403/2-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1333	*+	mg/Kg		133	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1178		mg/Kg		118	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	136	S1+	70 - 130				
o-Terphenyl	123		70 - 130				

Lab Sample ID: LCSD 880-98403/3-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1180		mg/Kg		118	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	1000	1166		mg/Kg		117	70 - 130	1	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	133	S1+	70 - 130						
o-Terphenyl	120		70 - 130						

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	997	729.6		mg/Kg		73	70 - 130
Diesel Range Organics (Over C10-C28)	538	F1	997	1207	F1	mg/Kg		67	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	80		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: 890-7492-13 MSD

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	997	855.4		mg/Kg		86	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	538	F1	997	1282		mg/Kg		75	70 - 130	6	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	79		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: MB 880-98404/1-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98404

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	93		70 - 130	12/19/24 21:32	12/20/24 09:12	1			
o-Terphenyl	96		70 - 130	12/19/24 21:32	12/20/24 09:12	1			

Lab Sample ID: LCS 880-98404/2-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1398	*+	mg/Kg		140	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1468	*+	mg/Kg		147	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	158	S1+	70 - 130
o-Terphenyl	172	S1+	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-98404/3-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1465	*+	mg/Kg		147	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	1590	*+	mg/Kg		159	70 - 130	8	20
		LCSD	LCSD						
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane	166	S1+	70 - 130						
o-Terphenyl	175	S1+	70 - 130						

Lab Sample ID: 890-7492-23 MS

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: SS 420

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	781.1		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	867.3		mg/Kg		84	70 - 130		
		MS	MS								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Lab Sample ID: 890-7492-23 MSD

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: SS 420

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	804.1		mg/Kg		80	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	863.1		mg/Kg		84	70 - 130	0	20
		MSD	MSD								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-98374/1-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 08:34	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-98374/2-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.6		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-98374/3-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	245.0		mg/Kg		98	90 - 110	2	20

Lab Sample ID: 890-7492-2 MS

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1300	F1	1250	3073	F1	mg/Kg		142	90 - 110

Lab Sample ID: 890-7492-2 MSD

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1300	F1	1250	3070	F1	mg/Kg		142	90 - 110	0	20

Lab Sample ID: MB 880-98373/1-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 03:00	1

Lab Sample ID: LCS 880-98373/2-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	258.6		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-98373/3-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	257.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-7492-20 MS

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: SS 477

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	126		257	387.5		mg/Kg		102	90 - 110

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-7492-20 MSD							Client Sample ID: SS 477					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 98377												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	126		248	372.8		mg/Kg		100	90 - 110	4	20	

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA

Analysis Batch: 98350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-2	SS 20	Total/NA	Solid	8021B	98432
890-7492-3	SS 64	Total/NA	Solid	8021B	98432
890-7492-4	SS 80	Total/NA	Solid	8021B	98432
890-7492-5	SS 262	Total/NA	Solid	8021B	98432
890-7492-6	SS 320	Total/NA	Solid	8021B	98432
MB 880-98432/5-A	Method Blank	Total/NA	Solid	8021B	98432
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	8021B	98432
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98432

Analysis Batch: 98351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	8021B	98433
890-7492-8	SS 46	Total/NA	Solid	8021B	98433
890-7492-9	SS 107	Total/NA	Solid	8021B	98433
890-7492-10	SS 290	Total/NA	Solid	8021B	98433
890-7492-11	SS 339	Total/NA	Solid	8021B	98433
890-7492-12	SS 495	Total/NA	Solid	8021B	98433
MB 880-98433/5-A	Method Blank	Total/NA	Solid	8021B	98433
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	8021B	98433
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98433

Analysis Batch: 98352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	8021B	98434
890-7492-20	SS 477	Total/NA	Solid	8021B	98434
890-7492-21	SS 176	Total/NA	Solid	8021B	98434
890-7492-22	SS 138	Total/NA	Solid	8021B	98434
890-7492-23	SS 420	Total/NA	Solid	8021B	98434
MB 880-98434/5-A	Method Blank	Total/NA	Solid	8021B	98434
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	8021B	98434
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98434

Analysis Batch: 98353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8021B	98435
890-7492-14	SS 154	Total/NA	Solid	8021B	98435
890-7492-15	SS 504	Total/NA	Solid	8021B	98435
890-7492-16	SS 398	Total/NA	Solid	8021B	98435
890-7492-17	SS 183	Total/NA	Solid	8021B	98435
890-7492-18	SS 200	Total/NA	Solid	8021B	98435
MB 880-98435/5-A	Method Blank	Total/NA	Solid	8021B	98435
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	8021B	98435
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98435

Prep Batch: 98432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	5035	
890-7492-2	SS 20	Total/NA	Solid	5035	
890-7492-3	SS 64	Total/NA	Solid	5035	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Prep Batch: 98432 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-4	SS 80	Total/NA	Solid	5035	
890-7492-5	SS 262	Total/NA	Solid	5035	
890-7492-6	SS 320	Total/NA	Solid	5035	
MB 880-98432/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	5035	
890-7492-8	SS 46	Total/NA	Solid	5035	
890-7492-9	SS 107	Total/NA	Solid	5035	
890-7492-10	SS 290	Total/NA	Solid	5035	
890-7492-11	SS 339	Total/NA	Solid	5035	
890-7492-12	SS 495	Total/NA	Solid	5035	
MB 880-98433/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	5035	
890-7492-20	SS 477	Total/NA	Solid	5035	
890-7492-21	SS 176	Total/NA	Solid	5035	
890-7492-22	SS 138	Total/NA	Solid	5035	
890-7492-23	SS 420	Total/NA	Solid	5035	
MB 880-98434/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	5035	
890-7492-14	SS 154	Total/NA	Solid	5035	
890-7492-15	SS 504	Total/NA	Solid	5035	
890-7492-16	SS 398	Total/NA	Solid	5035	
890-7492-17	SS 183	Total/NA	Solid	5035	
890-7492-18	SS 200	Total/NA	Solid	5035	
MB 880-98435/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 98498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	Total BTEX	
890-7492-2	SS 20	Total/NA	Solid	Total BTEX	
890-7492-3	SS 64	Total/NA	Solid	Total BTEX	
890-7492-4	SS 80	Total/NA	Solid	Total BTEX	
890-7492-5	SS 262	Total/NA	Solid	Total BTEX	
890-7492-6	SS 320	Total/NA	Solid	Total BTEX	
890-7492-7	SS 488	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Analysis Batch: 98498 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-8	SS 46	Total/NA	Solid	Total BTEX	
890-7492-9	SS 107	Total/NA	Solid	Total BTEX	
890-7492-10	SS 290	Total/NA	Solid	Total BTEX	
890-7492-11	SS 339	Total/NA	Solid	Total BTEX	
890-7492-12	SS 495	Total/NA	Solid	Total BTEX	
890-7492-13	SS 129	Total/NA	Solid	Total BTEX	
890-7492-14	SS 154	Total/NA	Solid	Total BTEX	
890-7492-15	SS 504	Total/NA	Solid	Total BTEX	
890-7492-16	SS 398	Total/NA	Solid	Total BTEX	
890-7492-17	SS 183	Total/NA	Solid	Total BTEX	
890-7492-18	SS 200	Total/NA	Solid	Total BTEX	
890-7492-19	SS 435	Total/NA	Solid	Total BTEX	
890-7492-20	SS 477	Total/NA	Solid	Total BTEX	
890-7492-21	SS 176	Total/NA	Solid	Total BTEX	
890-7492-22	SS 138	Total/NA	Solid	Total BTEX	
890-7492-23	SS 420	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 98401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015NM Prep	
890-7492-2	SS 20	Total/NA	Solid	8015NM Prep	
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 98402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-4	SS 80	Total/NA	Solid	8015NM Prep	
890-7492-5	SS 262	Total/NA	Solid	8015NM Prep	
890-7492-6	SS 320	Total/NA	Solid	8015NM Prep	
890-7492-7	SS 488	Total/NA	Solid	8015NM Prep	
890-7492-8	SS 46	Total/NA	Solid	8015NM Prep	
890-7492-9	SS 107	Total/NA	Solid	8015NM Prep	
890-7492-10	SS 290	Total/NA	Solid	8015NM Prep	
890-7492-11	SS 339	Total/NA	Solid	8015NM Prep	
890-7492-12	SS 495	Total/NA	Solid	8015NM Prep	
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-3 MS	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-3 MSD	SS 64	Total/NA	Solid	8015NM Prep	

Prep Batch: 98403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-14	SS 154	Total/NA	Solid	8015NM Prep	
890-7492-15	SS 504	Total/NA	Solid	8015NM Prep	
890-7492-16	SS 398	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Prep Batch: 98403 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-17	SS 183	Total/NA	Solid	8015NM Prep	
890-7492-18	SS 200	Total/NA	Solid	8015NM Prep	
890-7492-19	SS 435	Total/NA	Solid	8015NM Prep	
890-7492-20	SS 477	Total/NA	Solid	8015NM Prep	
890-7492-21	SS 176	Total/NA	Solid	8015NM Prep	
890-7492-22	SS 138	Total/NA	Solid	8015NM Prep	
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-13 MS	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-13 MSD	SS 129	Total/NA	Solid	8015NM Prep	

Prep Batch: 98404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015NM Prep	
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-23 MS	SS 420	Total/NA	Solid	8015NM Prep	
890-7492-23 MSD	SS 420	Total/NA	Solid	8015NM Prep	

Analysis Batch: 98423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015B NM	98401
890-7492-2	SS 20	Total/NA	Solid	8015B NM	98401
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015B NM	98401
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98401
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98401

Analysis Batch: 98425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-4	SS 80	Total/NA	Solid	8015B NM	98402
890-7492-5	SS 262	Total/NA	Solid	8015B NM	98402
890-7492-6	SS 320	Total/NA	Solid	8015B NM	98402
890-7492-7	SS 488	Total/NA	Solid	8015B NM	98402
890-7492-8	SS 46	Total/NA	Solid	8015B NM	98402
890-7492-9	SS 107	Total/NA	Solid	8015B NM	98402
890-7492-10	SS 290	Total/NA	Solid	8015B NM	98402
890-7492-11	SS 339	Total/NA	Solid	8015B NM	98402
890-7492-12	SS 495	Total/NA	Solid	8015B NM	98402
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015B NM	98402
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98402
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98402
890-7492-3 MS	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-3 MSD	SS 64	Total/NA	Solid	8015B NM	98402

Analysis Batch: 98427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-14	SS 154	Total/NA	Solid	8015B NM	98403

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Analysis Batch: 98427 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-15	SS 504	Total/NA	Solid	8015B NM	98403
890-7492-16	SS 398	Total/NA	Solid	8015B NM	98403
890-7492-17	SS 183	Total/NA	Solid	8015B NM	98403
890-7492-18	SS 200	Total/NA	Solid	8015B NM	98403
890-7492-19	SS 435	Total/NA	Solid	8015B NM	98403
890-7492-20	SS 477	Total/NA	Solid	8015B NM	98403
890-7492-21	SS 176	Total/NA	Solid	8015B NM	98403
890-7492-22	SS 138	Total/NA	Solid	8015B NM	98403
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015B NM	98403
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98403
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98403
890-7492-13 MS	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-13 MSD	SS 129	Total/NA	Solid	8015B NM	98403

Analysis Batch: 98430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015B NM	98404
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015B NM	98404
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98404
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98404
890-7492-23 MS	SS 420	Total/NA	Solid	8015B NM	98404
890-7492-23 MSD	SS 420	Total/NA	Solid	8015B NM	98404

Analysis Batch: 98523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015 NM	
890-7492-2	SS 20	Total/NA	Solid	8015 NM	
890-7492-3	SS 64	Total/NA	Solid	8015 NM	
890-7492-4	SS 80	Total/NA	Solid	8015 NM	
890-7492-5	SS 262	Total/NA	Solid	8015 NM	
890-7492-6	SS 320	Total/NA	Solid	8015 NM	
890-7492-7	SS 488	Total/NA	Solid	8015 NM	
890-7492-8	SS 46	Total/NA	Solid	8015 NM	
890-7492-9	SS 107	Total/NA	Solid	8015 NM	
890-7492-10	SS 290	Total/NA	Solid	8015 NM	
890-7492-11	SS 339	Total/NA	Solid	8015 NM	
890-7492-12	SS 495	Total/NA	Solid	8015 NM	
890-7492-13	SS 129	Total/NA	Solid	8015 NM	
890-7492-14	SS 154	Total/NA	Solid	8015 NM	
890-7492-15	SS 504	Total/NA	Solid	8015 NM	
890-7492-16	SS 398	Total/NA	Solid	8015 NM	
890-7492-17	SS 183	Total/NA	Solid	8015 NM	
890-7492-18	SS 200	Total/NA	Solid	8015 NM	
890-7492-19	SS 435	Total/NA	Solid	8015 NM	
890-7492-20	SS 477	Total/NA	Solid	8015 NM	
890-7492-21	SS 176	Total/NA	Solid	8015 NM	
890-7492-22	SS 138	Total/NA	Solid	8015 NM	
890-7492-23	SS 420	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC

Leach Batch: 98373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	DI Leach	
890-7492-13	SS 129	Soluble	Solid	DI Leach	
890-7492-14	SS 154	Soluble	Solid	DI Leach	
890-7492-15	SS 504	Soluble	Solid	DI Leach	
890-7492-16	SS 398	Soluble	Solid	DI Leach	
890-7492-17	SS 183	Soluble	Solid	DI Leach	
890-7492-18	SS 200	Soluble	Solid	DI Leach	
890-7492-19	SS 435	Soluble	Solid	DI Leach	
890-7492-20	SS 477	Soluble	Solid	DI Leach	
890-7492-21	SS 176	Soluble	Solid	DI Leach	
890-7492-22	SS 138	Soluble	Solid	DI Leach	
890-7492-23	SS 420	Soluble	Solid	DI Leach	
MB 880-98373/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-20 MS	SS 477	Soluble	Solid	DI Leach	
890-7492-20 MSD	SS 477	Soluble	Solid	DI Leach	

Leach Batch: 98374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	DI Leach	
890-7492-2	SS 20	Soluble	Solid	DI Leach	
890-7492-3	SS 64	Soluble	Solid	DI Leach	
890-7492-4	SS 80	Soluble	Solid	DI Leach	
890-7492-5	SS 262	Soluble	Solid	DI Leach	
890-7492-6	SS 320	Soluble	Solid	DI Leach	
890-7492-7	SS 488	Soluble	Solid	DI Leach	
890-7492-8	SS 46	Soluble	Solid	DI Leach	
890-7492-9	SS 107	Soluble	Solid	DI Leach	
890-7492-10	SS 290	Soluble	Solid	DI Leach	
890-7492-11	SS 339	Soluble	Solid	DI Leach	
MB 880-98374/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-2 MS	SS 20	Soluble	Solid	DI Leach	
890-7492-2 MSD	SS 20	Soluble	Solid	DI Leach	

Analysis Batch: 98376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	300.0	98374
890-7492-2	SS 20	Soluble	Solid	300.0	98374
890-7492-3	SS 64	Soluble	Solid	300.0	98374
890-7492-4	SS 80	Soluble	Solid	300.0	98374
890-7492-5	SS 262	Soluble	Solid	300.0	98374
890-7492-6	SS 320	Soluble	Solid	300.0	98374
890-7492-7	SS 488	Soluble	Solid	300.0	98374
890-7492-8	SS 46	Soluble	Solid	300.0	98374
890-7492-9	SS 107	Soluble	Solid	300.0	98374
890-7492-10	SS 290	Soluble	Solid	300.0	98374
890-7492-11	SS 339	Soluble	Solid	300.0	98374
MB 880-98374/1-A	Method Blank	Soluble	Solid	300.0	98374

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC (Continued)

Analysis Batch: 98376 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	300.0	98374
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98374
890-7492-2 MS	SS 20	Soluble	Solid	300.0	98374
890-7492-2 MSD	SS 20	Soluble	Solid	300.0	98374

Analysis Batch: 98377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	300.0	98373
890-7492-13	SS 129	Soluble	Solid	300.0	98373
890-7492-14	SS 154	Soluble	Solid	300.0	98373
890-7492-15	SS 504	Soluble	Solid	300.0	98373
890-7492-16	SS 398	Soluble	Solid	300.0	98373
890-7492-17	SS 183	Soluble	Solid	300.0	98373
890-7492-18	SS 200	Soluble	Solid	300.0	98373
890-7492-19	SS 435	Soluble	Solid	300.0	98373
890-7492-20	SS 477	Soluble	Solid	300.0	98373
890-7492-21	SS 176	Soluble	Solid	300.0	98373
890-7492-22	SS 138	Soluble	Solid	300.0	98373
890-7492-23	SS 420	Soluble	Solid	300.0	98373
MB 880-98373/1-A	Method Blank	Soluble	Solid	300.0	98373
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	300.0	98373
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98373
890-7492-20 MS	SS 477	Soluble	Solid	300.0	98373
890-7492-20 MSD	SS 477	Soluble	Solid	300.0	98373

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01

Lab Sample ID: 890-7492-1

Date Collected: 12/19/24 08:20

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 11:51
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		5	98350	MNR	EET MID	12/20/24 13:55
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:55
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		20	98376	CH	EET MID	12/20/24 10:49

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:15
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:15
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 10:58

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 12:33
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:33
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 09:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 09:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:54

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Date Collected: 12/19/24 08:53

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:36
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:36
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:24
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:24
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:30

Client Sample ID: SS 262

Date Collected: 12/19/24 08:59

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		50	98350	MNR	EET MID	12/20/24 13:14
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:14
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:38
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:38
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:48

Client Sample ID: SS 320

Date Collected: 12/19/24 09:04

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		25	98350	MNR	EET MID	12/20/24 13:34
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:34
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:53
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:53
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:59

Client Sample ID: SS 488

Date Collected: 12/19/24 09:12

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		100	98351	MNR	EET MID	12/20/24 12:24
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:24

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488
Date Collected: 12/19/24 09:12
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:08
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:08
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:06

Client Sample ID: SS 46
Date Collected: 12/19/24 10:15
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 12:45
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:45
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:25
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:25
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:11

Client Sample ID: SS 107
Date Collected: 12/19/24 10:22
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:05
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:05
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:17

Client Sample ID: SS 290
Date Collected: 12/19/24 10:30
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:25
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:25
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:54
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:54

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 290**Lab Sample ID: 890-7492-10****Date Collected: 12/19/24 10:30****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:23

Client Sample ID: SS 339**Lab Sample ID: 890-7492-11****Date Collected: 12/19/24 10:37****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:46
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:46
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:29

Client Sample ID: SS 495**Lab Sample ID: 890-7492-12****Date Collected: 12/19/24 10:44****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 14:06
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:06
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:36

Client Sample ID: SS 129**Lab Sample ID: 890-7492-13****Date Collected: 12/19/24 11:07****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 11:49
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 11:49
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:43

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154
Date Collected: 12/19/24 11:19
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:10
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:10
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:00
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:00
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:50

Client Sample ID: SS 504
Date Collected: 12/19/24 11:40
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		10	98353	MNR	EET MID	12/20/24 13:32
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:32
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:15
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:15
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:12

Client Sample ID: SS 398
Date Collected: 12/19/24 11:27
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:30
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:30
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:31
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:31
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:19

Client Sample ID: SS 183
Date Collected: 12/19/24 11:44
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:51
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:51

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183**Lab Sample ID: 890-7492-17****Date Collected: 12/19/24 11:44****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:47
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:47
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:26

Client Sample ID: SS 200**Lab Sample ID: 890-7492-18****Date Collected: 12/19/24 11:49****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 13:11
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:11
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:03
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:03
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:33

Client Sample ID: SS 435**Lab Sample ID: 890-7492-19****Date Collected: 12/19/24 11:53****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:07
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:07
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:20
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:20
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:40

Client Sample ID: SS 477**Lab Sample ID: 890-7492-20****Date Collected: 12/19/24 12:02****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:27
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:27
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:36
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:36

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 477
Date Collected: 12/19/24 12:02
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:48

Client Sample ID: SS 176
Date Collected: 12/19/24 12:07
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		10	98352	MNR	EET MID	12/20/24 13:28
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:28
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:52
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:52
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:09

Client Sample ID: SS 138
Date Collected: 12/19/24 12:17
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:48
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:48
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 14:07
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 14:07
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 10:16

Client Sample ID: SS 420
Date Collected: 12/19/24 12:22
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 13:08
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:08
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98404	EL	EET MID	12/19/24 21:32
Total/NA	Analysis	8015B NM		1	98430	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:38

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7492-1	SS 01	Solid	12/19/24 08:20	12/19/24 15:45	- SURFACE
890-7492-2	SS 20	Solid	12/19/24 08:36	12/19/24 15:45	- SURFACE
890-7492-3	SS 64	Solid	12/19/24 08:47	12/19/24 15:45	- SURFACE
890-7492-4	SS 80	Solid	12/19/24 08:53	12/19/24 15:45	- SURFACE
890-7492-5	SS 262	Solid	12/19/24 08:59	12/19/24 15:45	- SURFACE
890-7492-6	SS 320	Solid	12/19/24 09:04	12/19/24 15:45	- SURFACE
890-7492-7	SS 488	Solid	12/19/24 09:12	12/19/24 15:45	- SURFACE
890-7492-8	SS 46	Solid	12/19/24 10:15	12/19/24 15:45	- SURFACE
890-7492-9	SS 107	Solid	12/19/24 10:22	12/19/24 15:45	- SURFACE
890-7492-10	SS 290	Solid	12/19/24 10:30	12/19/24 15:45	- SURFACE
890-7492-11	SS 339	Solid	12/19/24 10:37	12/19/24 15:45	- SURFACE
890-7492-12	SS 495	Solid	12/19/24 10:44	12/19/24 15:45	- SURFACE
890-7492-13	SS 129	Solid	12/19/24 11:07	12/19/24 15:45	- SURFACE
890-7492-14	SS 154	Solid	12/19/24 11:19	12/19/24 15:45	- SURFACE
890-7492-15	SS 504	Solid	12/19/24 11:40	12/19/24 15:45	- SURFACE
890-7492-16	SS 398	Solid	12/19/24 11:27	12/19/24 15:45	- SURFACE
890-7492-17	SS 183	Solid	12/19/24 11:44	12/19/24 15:45	- SURFACE
890-7492-18	SS 200	Solid	12/19/24 11:49	12/19/24 15:45	- SURFACE
890-7492-19	SS 435	Solid	12/19/24 11:53	12/19/24 15:45	- SURFACE
890-7492-20	SS 477	Solid	12/19/24 12:02	12/19/24 15:45	- SURFACE
890-7492-21	SS 176	Solid	12/19/24 12:07	12/19/24 15:45	- SURFACE
890-7492-22	SS 138	Solid	12/19/24 12:17	12/19/24 15:45	- SURFACE
890-7492-23	SS 420	Solid	12/19/24 12:22	12/19/24 15:45	- SURFACE

Chain of Custody



Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
 Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
 EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
 Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 1 of 3

Work Order Comments

Program: ☐ UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project: ☐ Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Reporting: ☐ Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: ☐ EDD ☐ ADAPT ☐ Other:

Project Manager: Michael Wicker

Company Name: Cotto

Address:

City, State ZIP: 1616-970-8459

Phone:

Email: mwicker@cottoconsult.com

ANALYSIS REQUEST

Project Name: Close Encounter 30114

Project Number: Buckeye, NM

Project Location: Dakotah Cueto

Sampler's Name:

PO #:

SAMPLE RECEIPT

Samples Received Intact: ☒ Yes ☐ No

Cooler Custody Seals: ☒ Yes ☐ No

Sample Custody Seals: ☒ Yes ☐ No

Total Containers: 5.0

Temp Blank: ☒ Yes ☐ No

Wet Ice: ☒ Yes ☐ No

Thermometer ID: -0.2

Correction Factor: 5.8

Temperature Reading: 5.0

Corrected Temperature: 5.0

Preservative Codes

None: ☐ NO ☐ DI Water: ☐ H₂O

Cool: ☐ Cool ☐ MeOH: ☐ Me

HCL: ☐ HC ☐ HNO₃

H₂SO₄: ☐ H₂ ☐ NaOH: ☐ Na

H₃PO₄: ☐ HP ☐ NaHSO₄: ☐ NABIS

Na₂S₂O₃: ☐ NaSO₃

Zn Acetate+NaOH: ☐ Zn

NaOH+Ascorbic Acid: ☐ SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Pres. Code	Parameters
SS01	S	12-19-24	08:20	Surf	C	1		
SS20	S		08:36		C	1		
SS64	S		08:47		C	1		
SS80	S		08:53		C	1		
SS262	S		08:59		C	1		
SS320	S		09:04		C	1		
SS488	S		09:12		C	1		
SS46	S		10:15		C	1		
SS107	S		10:22		C	1		
SS290	S		10:30		C	1		

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471**

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>Dakotah Cueto</u>	<u>Brown</u>	<u>12/19 1545</u>			

Revised Date: 06/25/2020 Rev. 2020.2



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
 Midland, TX (432) 704-5440, San Antonio, TX (210) 505-3334
 EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
 Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 2 of 3

Project Manager: Michael Wicker		Bill to: (if different)		Work Order Comments	
Company Name: CETO		Company Name:		Program: ☐ UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
Address:		Address:		State of Project:	
City, State ZIP:		City, State ZIP:		Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Phone:		Email: mwicker@cetoconsult.com		Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:	Project Number:	Project Location:	Sampler's Name:	PO #:	Turn Around				Pres. Code	ANALYSIS REQUEST												Preservative Codes
					Temp Blank:	Yes	No	Wet Ice:		Yes	No											
Close Encounters, LLC					☐ Routine	☒ Rush	Due Date: 12-20-2024	TAT starts the day received by the lab, if received by 4:30pm														None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
Parameters																						
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont											Sample Comments					
SS339	S	12/19/2024	10:37	Surf	C	1																
SS495	S		10:44		C	1																
SS129	S		11:07		C	1																
SS154	S		11:19		C	1																
SS504	S		11:40		C	1																
SS398	S		11:27		C	1																
SS183	S		11:34		C	1																
SS200	S		11:49		C	1																
SS435	S		11:53		C	1																
SS477	S		12:02		C	1																

Total 200.7 / 6010 200.8 / 6020:		8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn	
Circle Method(s) and Meta(s) to be analyzed		TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471	

Notes: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. Dakota Ceto		2
3		4
5		6

Revised Date: 08/25/2020 Rev. 2020.2



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 3 of 3

Project Manager: Michael Wicker		Bill to: (if different)		C24 Consulting	
Company Name: C24		Company Name:		Program: ☐ UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
Address:		Address:		State of Project:	
City, State ZIP:		City, State ZIP:		Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Phone: 616-970-8469		Email: mwicker@c24consult.com		Deliverables: EDD ☐ ADaPT ☐ Other:	
Project Name: Close Encounter 301H		Turn Around		ANALYSIS REQUEST	
Project Number:		☐ Routine ☒ Rush		Preservative Codes	
Project Location: Buckeye, NM		Due Date: 12-20-2024		None: NO DI Water: H ₂ O	
Sampler's Name: Doraedah Ceto		TAT starts the day received by the lab, if received by 4:30pm		Cool: Cool MeOH: Me	
PO #:				HCL: HC HNO ₃	
SAMPLE RECEIPT		Temp Blank: Yes No		H ₂ SO ₄ : H ₂ NaOH: Na	
Samples Received Intact: Yes No		Thermometer ID:		H ₃ PO ₄ : HP	
Cooler Custody Seals: Yes No N/A		Correction Factor:		NaHSO ₄ : NABIS	
Sample Custody Seals: Yes No N/A		Temperature Reading:		Na ₂ S ₂ O ₃ : NaSO ₃	
Total Containers:		Corrected Temperature:		Zn Acetate+NaOH: Zn	
Sample Identification		Date Sampled		NaOH+Ascorbic Acid: SAPC	
Matrix		Depth		Sample Comments	
SS176		10:07 surf			
SS138		10:17			
SS420		10:20			
Total 200.7 / 6010 200.8 / 6020:		8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn			
Circle Method(s) and Metal(s) to be analyzed		TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471			
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.					
Relinquished by: (Signature)		Received by: (Signature)		Date/Time	
1 Doraedah Ceto		2			
3		4			
5		6			



Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Source: Eurofins Midland

List Number: 2

List Creation: 12/19/24 09:21 PM

Creator: Laing, Edmundo

Question	Answer	Comment
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time (excluding tests with immediate HTs)		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").		



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Michael Wicker
CDH Consulting
9446 Clermont St,
Thornton, Colorado 80229
Generated 12/20/2024 3:02:55 PM

JOB DESCRIPTION

CLOSE ENCOUNTER 301 H
BUCKEYE

JOB NUMBER

890-7492-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

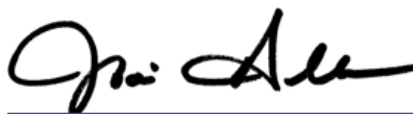
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
12/20/2024 3:02:55 PM

Authorized for release by
Jodi Allen, Project Manager I
Jodi.Allen@et.eurofinsus.com
(281)520-2865

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Laboratory Job ID: 890-7492-1
SDG: BUCKEYE

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Definitions/Glossary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1

Eurofins Carlsbad

Job Narrative
890-7492-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 12/19/2024 3:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 64 (890-7492-3), SS 80 (890-7492-4), SS 262 (890-7492-5), SS 320 (890-7492-6), SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11), SS 495 (890-7492-12), SS 129 (890-7492-13), SS 154 (890-7492-14), SS 504 (890-7492-15), SS 398 (890-7492-16), SS 183 (890-7492-17), SS 200 (890-7492-18), SS 435 (890-7492-19), SS 477 (890-7492-20), SS 176 (890-7492-21), SS 138 (890-7492-22) and SS 420 (890-7492-23).

GC VOA

Method 8021B: The following samples were diluted due to physical characteristics such as color, odor, appearance, viscosity, etc. >>: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 80 (890-7492-4), SS 262 (890-7492-5) and SS 320 (890-7492-6). Elevated reporting limits (RL) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 01 (890-7492-1), SS 20 (890-7492-2) and SS 64 (890-7492-3). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 398 (890-7492-16) and SS 200 (890-7492-18). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SS 176 (890-7492-21). Evidence of matrix interferences is not obvious.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11) and SS 495 (890-7492-12). Elevated reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 46 (890-7492-8), SS 290 (890-7492-10) and SS 495 (890-7492-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: SS 504 (890-7492-15). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-98402/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98402 and analytical batch 880-98425 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within

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Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1 (Continued)

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acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SS 262 (890-7492-5). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Due to the high concentration of Diesel Range Organics (Over C10-C28), the matrix spike (MS) for preparation batch 880-98403 and analytical batch 880-98427 could not be evaluated for accuracy. The associated matrix spike duplicate (MSD) met acceptance criteria.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SS 477 (890-7492-20), (LCS 880-98403/2-A) and (LCSD 880-98403/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The method blank for preparation batch 880-98404 and analytical batch 880-98430 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-98404/2-A) and (LCSD 880-98404/3-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-98404 and analytical batch 880-98430 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The laboratory control sample (LCS) for preparation batch 880-98403 and analytical batch 880-98427 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10. Since only an acceptable LCSD is required per the method, the LCSD shows recovery for the batch and the data has been qualified and reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98374 and analytical batch 880-98376 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01

Lab Sample ID: 890-7492-1

Date Collected: 12/19/24 08:20

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0101	U	0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Ethylbenzene	0.0947		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Toluene	0.0306		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Xylenes, Total	1.81		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
m-Xylene & p-Xylene	0.0449		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
o-Xylene	1.77		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:24	12/20/24 11:51	20
1,4-Difluorobenzene (Surr)	124		70 - 130				12/20/24 08:24	12/20/24 11:51	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.94		0.0202		mg/Kg			12/20/24 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	287		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	287		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				12/19/24 21:26	12/20/24 12:09	1
o-Terphenyl	86		70 - 130				12/19/24 21:26	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17600		199		mg/Kg			12/20/24 10:49	20

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Ethylbenzene	0.0420		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Toluene	0.0216		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Xylenes, Total	0.350		0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
m-Xylene & p-Xylene	<0.0401	U	0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
o-Xylene	0.350		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				12/20/24 08:24	12/20/24 14:15	10

Eurofins Carlsbad

Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	136	S1+	70 - 130	12/20/24 08:24	12/20/24 14:15	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.414		0.0401		mg/Kg			12/20/24 14:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	110		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	110		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				12/19/24 21:26	12/20/24 12:23	1
o-Terphenyl	77		70 - 130				12/19/24 21:26	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300	F1	49.9		mg/Kg			12/20/24 10:58	5

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Ethylbenzene	0.242		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Toluene	0.0581		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Xylenes, Total	0.781		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
m-Xylene & p-Xylene	0.189		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
o-Xylene	0.592		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20
1,4-Difluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.08		0.0795		mg/Kg			12/20/24 12:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	631		50.0		mg/Kg			12/20/24 09:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Diesel Range Organics (Over C10-C28)	631	F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 09:40	1
o-Terphenyl	78		70 - 130				12/19/24 21:28	12/20/24 09:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3110		50.2		mg/Kg			12/20/24 11:54	5

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Ethylbenzene	0.0344		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Toluene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Xylenes, Total	0.680		0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
m-Xylene & p-Xylene	<0.0399	U	0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
o-Xylene	0.680		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				12/20/24 08:24	12/20/24 14:36	10
1,4-Difluorobenzene (Surr)	106		70 - 130				12/20/24 08:24	12/20/24 14:36	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.714		0.0399		mg/Kg			12/20/24 14:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	188		50.0		mg/Kg			12/20/24 10:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Diesel Range Organics (Over C10-C28)	188		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				12/19/24 21:28	12/20/24 10:24	1
o-Terphenyl	74		70 - 130				12/19/24 21:28	12/20/24 10:24	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3070		100		mg/Kg			12/20/24 11:30	10

Client Sample ID: SS 262

Lab Sample ID: 890-7492-5

Date Collected: 12/19/24 08:59

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Ethylbenzene	0.966		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Toluene	0.415		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Xylenes, Total	1.51		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
m-Xylene & p-Xylene	0.756		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
o-Xylene	0.754		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				12/20/24 08:24	12/20/24 13:14	50
1,4-Difluorobenzene (Surr)	122		70 - 130				12/20/24 08:24	12/20/24 13:14	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.89		0.202		mg/Kg			12/20/24 13:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	463		50.0		mg/Kg			12/20/24 10:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Diesel Range Organics (Over C10-C28)	463		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				12/19/24 21:28	12/20/24 10:38	1
o-Terphenyl	69	S1-	70 - 130				12/19/24 21:28	12/20/24 10:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4470		99.4		mg/Kg			12/20/24 11:48	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 320

Lab Sample ID: 890-7492-6

Date Collected: 12/19/24 09:04

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0503	U	0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Ethylbenzene	0.537		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Toluene	0.125		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Xylenes, Total	1.20		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
m-Xylene & p-Xylene	0.454		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
o-Xylene	0.746		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				12/20/24 08:24	12/20/24 13:34	25
1,4-Difluorobenzene (Surr)	126		70 - 130				12/20/24 08:24	12/20/24 13:34	25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.86		0.101		mg/Kg			12/20/24 13:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	876		49.7		mg/Kg			12/20/24 10:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Diesel Range Organics (Over C10-C28)	876		49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				12/19/24 21:28	12/20/24 10:53	1
o-Terphenyl	75		70 - 130				12/19/24 21:28	12/20/24 10:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3410		49.8		mg/Kg			12/20/24 11:59	5

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.199	U	0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Ethylbenzene	1.92		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Toluene	0.602		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Xylenes, Total	3.04		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
m-Xylene & p-Xylene	1.78		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
o-Xylene	1.26		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				12/20/24 08:27	12/20/24 12:24	100

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	100		70 - 130	12/20/24 08:27	12/20/24 12:24	100

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	5.56		0.398		mg/Kg			12/20/24 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2500		49.8		mg/Kg			12/20/24 11:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.7		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Diesel Range Organics (Over C10-C28)	2410		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:08	1
o-Terphenyl	95		70 - 130				12/19/24 21:28	12/20/24 11:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3680		49.6		mg/Kg			12/20/24 12:06	5

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.11		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Ethylbenzene	9.28		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Toluene	7.96		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Xylenes, Total	10.9		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
m-Xylene & p-Xylene	6.88		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
o-Xylene	4.05		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130				12/20/24 08:27	12/20/24 12:45	50
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:27	12/20/24 12:45	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	29.3		0.200		mg/Kg			12/20/24 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1330		49.9		mg/Kg			12/20/24 11:25	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	95.0		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Diesel Range Organics (Over C10-C28)	1230		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:25	1
o-Terphenyl	81		70 - 130				12/19/24 21:28	12/20/24 11:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5420		101		mg/Kg			12/20/24 12:11	10

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Ethylbenzene	1.52		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Toluene	0.807		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Xylenes, Total	4.70		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
m-Xylene & p-Xylene	3.88		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
o-Xylene	0.815		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				12/20/24 08:27	12/20/24 13:05	50
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:27	12/20/24 13:05	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	7.02		0.202		mg/Kg			12/20/24 13:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	60.0		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Diesel Range Organics (Over C10-C28)	1450		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:40	1
o-Terphenyl	86		70 - 130				12/19/24 21:28	12/20/24 11:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5250		99.4		mg/Kg			12/20/24 12:17	10

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.151		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Ethylbenzene	3.30		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Toluene	1.75		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Xylenes, Total	4.33		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
m-Xylene & p-Xylene	2.60		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
o-Xylene	1.73		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:27	12/20/24 13:25	50
1,4-Difluorobenzene (Surr)	100		70 - 130				12/20/24 08:27	12/20/24 13:25	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	9.53		0.201		mg/Kg			12/20/24 13:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2470		49.8		mg/Kg			12/20/24 11:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	129		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Diesel Range Organics (Over C10-C28)	2340		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				12/19/24 21:28	12/20/24 11:54	1
o-Terphenyl	105		70 - 130				12/19/24 21:28	12/20/24 11:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5400		99.8		mg/Kg			12/20/24 12:23	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.106		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Ethylbenzene	3.81		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Toluene	1.12		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Xylenes, Total	5.28		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
m-Xylene & p-Xylene	3.48		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
o-Xylene	1.80		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				12/20/24 08:27	12/20/24 13:46	50
1,4-Difluorobenzene (Surr)	99		70 - 130				12/20/24 08:27	12/20/24 13:46	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	10.3		0.200		mg/Kg			12/20/24 13:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3950		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	154		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	3800		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:28	12/20/24 12:09	1
o-Terphenyl	121		70 - 130				12/19/24 21:28	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4280		49.9		mg/Kg			12/20/24 12:29	5

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0994	U	0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Ethylbenzene	5.40		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Toluene	1.34		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Xylenes, Total	7.57		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
m-Xylene & p-Xylene	4.90		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
o-Xylene	2.67		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130				12/20/24 08:27	12/20/24 14:06	50

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	12/20/24 08:27	12/20/24 14:06	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	14.3		0.199		mg/Kg			12/20/24 14:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3070		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	177		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	2890		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:28	12/20/24 12:23	1
o-Terphenyl	108		70 - 130				12/19/24 21:28	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3660		49.6		mg/Kg			12/20/24 08:36	5

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Ethylbenzene	0.0238		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Toluene	0.00837		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Xylenes, Total	0.0306		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
m-Xylene & p-Xylene	0.0204		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
o-Xylene	0.0102		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	12/20/24 08:33	12/20/24 11:49	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/20/24 08:33	12/20/24 11:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0628		0.00404		mg/Kg			12/20/24 11:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	538		49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Diesel Range Organics (Over C10-C28)	538	F1	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 11:11	1
o-Terphenyl	79		70 - 130				12/19/24 21:30	12/20/24 11:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3350		50.0		mg/Kg			12/20/24 08:43	5

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Ethylbenzene	0.0475		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Toluene	0.0124		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Xylenes, Total	0.0632		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
m-Xylene & p-Xylene	0.0373		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
o-Xylene	0.0259		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				12/20/24 08:33	12/20/24 12:10	1
1,4-Difluorobenzene (Surr)	93		70 - 130				12/20/24 08:33	12/20/24 12:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.123		0.00401		mg/Kg			12/20/24 12:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2710		49.8		mg/Kg			12/20/24 12:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Diesel Range Organics (Over C10-C28)	2710		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 12:00	1
o-Terphenyl	120		70 - 130				12/19/24 21:30	12/20/24 12:00	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1710		50.3		mg/Kg			12/20/24 08:50	5

Client Sample ID: SS 504

Lab Sample ID: 890-7492-15

Date Collected: 12/19/24 11:40

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Ethylbenzene	0.563		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Toluene	0.173		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Xylenes, Total	0.464		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
m-Xylene & p-Xylene	0.290		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
o-Xylene	0.174		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				12/20/24 08:33	12/20/24 13:32	10
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:33	12/20/24 13:32	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.20		0.0398		mg/Kg			12/20/24 13:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 12:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Diesel Range Organics (Over C10-C28)	1510		50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				12/19/24 21:30	12/20/24 12:15	1
o-Terphenyl	97		70 - 130				12/19/24 21:30	12/20/24 12:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2990		50.0		mg/Kg			12/20/24 09:12	5

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 398

Lab Sample ID: 890-7492-16

Date Collected: 12/19/24 11:27

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0262		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Ethylbenzene	0.199		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Toluene	0.168		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Xylenes, Total	0.269		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
m-Xylene & p-Xylene	0.158		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
o-Xylene	0.111		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	12/20/24 08:33	12/20/24 12:30	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:33	12/20/24 12:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.662		0.00399		mg/Kg			12/20/24 12:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3130		49.9		mg/Kg			12/20/24 12:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.1	*+	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Diesel Range Organics (Over C10-C28)	3040		49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	12/19/24 21:30	12/20/24 12:31	1
o-Terphenyl	120		70 - 130	12/19/24 21:30	12/20/24 12:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2960		50.1		mg/Kg			12/20/24 09:19	5

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Ethylbenzene	0.0487		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Toluene	0.00442		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Xylenes, Total	0.0402		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
m-Xylene & p-Xylene	0.0276		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
o-Xylene	0.0126		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	12/20/24 08:33	12/20/24 12:51	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	75		70 - 130	12/20/24 08:33	12/20/24 12:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0933		0.00404		mg/Kg			12/20/24 12:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	311		49.8		mg/Kg			12/20/24 12:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Diesel Range Organics (Over C10-C28)	311		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				12/19/24 21:30	12/20/24 12:47	1
o-Terphenyl	77		70 - 130				12/19/24 21:30	12/20/24 12:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.8		9.96		mg/Kg			12/20/24 09:26	1

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Ethylbenzene	0.191		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Toluene	0.110		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Xylenes, Total	0.265		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
m-Xylene & p-Xylene	0.156		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
o-Xylene	0.109		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130	12/20/24 08:33	12/20/24 13:11	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 13:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.566		0.00402		mg/Kg			12/20/24 13:11	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2050		49.9		mg/Kg			12/20/24 13:03	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Diesel Range Organics (Over C10-C28)	2050		49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				12/19/24 21:30	12/20/24 13:03	1
o-Terphenyl	106		70 - 130				12/19/24 21:30	12/20/24 13:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	930		10.0		mg/Kg			12/20/24 09:33	1

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Ethylbenzene	0.00665		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Toluene	0.00205		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Xylenes, Total	0.0105		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
m-Xylene & p-Xylene	0.00628		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
o-Xylene	0.00418		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				12/20/24 08:30	12/20/24 12:07	1
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 12:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0192		0.00404		mg/Kg			12/20/24 12:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	601		49.7		mg/Kg			12/20/24 13:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U **	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Diesel Range Organics (Over C10-C28)	601		49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				12/19/24 21:30	12/20/24 13:20	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 13:20	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3030		49.7		mg/Kg			12/20/24 09:40	5

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Xylenes, Total	0.133		0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
o-Xylene	0.133		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				12/20/24 08:30	12/20/24 12:27	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/20/24 08:30	12/20/24 12:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.133		0.00401		mg/Kg			12/20/24 12:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/20/24 13:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 13:36	1
o-Terphenyl	66	S1-	70 - 130				12/19/24 21:30	12/20/24 13:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		10.0		mg/Kg			12/20/24 09:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 176
Date Collected: 12/19/24 12:07
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-21
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg	-	12/20/24 08:30	12/20/24 13:28	10
Ethylbenzene	0.950		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Toluene	0.199		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Xylenes, Total	1.58		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
m-Xylene & p-Xylene	0.943		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
o-Xylene	0.636		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	193	S1+	70 - 130				12/20/24 08:30	12/20/24 13:28	10
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 13:28	10

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.73		0.0398		mg/Kg	-		12/20/24 13:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2110		49.8		mg/Kg	-		12/20/24 13:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg	-	12/19/24 21:30	12/20/24 13:52	1
Diesel Range Organics (Over C10-C28)	2110		49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:30	12/20/24 13:52	1
o-Terphenyl	112		70 - 130				12/19/24 21:30	12/20/24 13:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	812		9.98		mg/Kg	-		12/20/24 10:09	1

Client Sample ID: SS 138
Date Collected: 12/19/24 12:17
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-22
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg	-	12/20/24 08:30	12/20/24 12:48	1
Ethylbenzene	0.0120		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Toluene	0.00377		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Xylenes, Total	0.0233		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
m-Xylene & p-Xylene	0.0102		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
o-Xylene	0.0131		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				12/20/24 08:30	12/20/24 12:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130	12/20/24 08:30	12/20/24 12:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0391		0.00399		mg/Kg			12/20/24 12:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	573		49.8		mg/Kg			12/20/24 14:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Diesel Range Organics (Over C10-C28)	573		49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 14:07	1
o-Terphenyl	78		70 - 130				12/19/24 21:30	12/20/24 14:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2650		50.1		mg/Kg			12/20/24 10:16	5

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Xylenes, Total	0.0889		0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
o-Xylene	0.0889		0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	12/20/24 08:30	12/20/24 13:08	1
1,4-Difluorobenzene (Surr)	91		70 - 130	12/20/24 08:30	12/20/24 13:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0889		0.00404		mg/Kg			12/20/24 13:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 420
Date Collected: 12/19/24 12:22
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-23
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	104		70 - 130				12/19/24 21:32	12/20/24 11:11	1	
o-Terphenyl	109		70 - 130				12/19/24 21:32	12/20/24 11:11	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	162		9.94		mg/Kg			12/20/24 10:38	1	

Surrogate Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-7492-1	SS 01	131 S1+	124
890-7492-2	SS 20	128	136 S1+
890-7492-3	SS 64	137 S1+	131 S1+
890-7492-4	SS 80	144 S1+	106
890-7492-5	SS 262	125	122
890-7492-6	SS 320	126	126
890-7492-7	SS 488	106	100
890-7492-8	SS 46	171 S1+	94
890-7492-9	SS 107	107	101
890-7492-10	SS 290	131 S1+	100
890-7492-11	SS 339	122	99
890-7492-12	SS 495	139 S1+	104
890-7492-13	SS 129	109	95
890-7492-14	SS 154	99	93
890-7492-15	SS 504	110	94
890-7492-16	SS 398	141 S1+	96
890-7492-17	SS 183	88	75
890-7492-18	SS 200	159 S1+	93
890-7492-19	SS 435	113	104
890-7492-20	SS 477	98	95
890-7492-21	SS 176	193 S1+	104
890-7492-22	SS 138	115	103
890-7492-23	SS 420	95	91
LCS 880-98432/1-A	Lab Control Sample	101	96
LCS 880-98433/1-A	Lab Control Sample	96	103
LCS 880-98434/1-A	Lab Control Sample	107	104
LCS 880-98435/1-A	Lab Control Sample	106	99
LCSD 880-98432/2-A	Lab Control Sample Dup	103	99
LCSD 880-98433/2-A	Lab Control Sample Dup	94	103
LCSD 880-98434/2-A	Lab Control Sample Dup	109	103
LCSD 880-98435/2-A	Lab Control Sample Dup	108	98
MB 880-98432/5-A	Method Blank	112	85
MB 880-98433/5-A	Method Blank	98	96
MB 880-98434/5-A	Method Blank	111	101
MB 880-98435/5-A	Method Blank	92	93
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-1	SS 01	83	86
890-7492-2	SS 20	76	77
890-7492-3	SS 64	75	78
890-7492-3 MS	SS 64	78	76

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Surrogate Summary

Client: CDH Consulting

Job ID: 890-7492-1

Project/Site: CLOSE ENCOUNTER 301 H

SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-3 MSD	SS 64	77	76
890-7492-4	SS 80	73	74
890-7492-5	SS 262	70	69 S1-
890-7492-6	SS 320	74	75
890-7492-7	SS 488	75	95
890-7492-8	SS 46	75	81
890-7492-9	SS 107	75	86
890-7492-10	SS 290	85	105
890-7492-11	SS 339	84	121
890-7492-12	SS 495	88	108
890-7492-13	SS 129	84	79
890-7492-13 MS	SS 129	80	81
890-7492-13 MSD	SS 129	79	81
890-7492-14	SS 154	84	120
890-7492-15	SS 504	92	97
890-7492-16	SS 398	85	120
890-7492-17	SS 183	87	77
890-7492-18	SS 200	82	106
890-7492-19	SS 435	77	74
890-7492-20	SS 477	81	66 S1-
890-7492-21	SS 176	88	112
890-7492-22	SS 138	81	78
890-7492-23	SS 420	104	109
890-7492-23 MS	SS 420	92	99
890-7492-23 MSD	SS 420	92	99
LCS 880-98401/2-A	Lab Control Sample	118	102
LCS 880-98402/2-A	Lab Control Sample	121	104
LCS 880-98403/2-A	Lab Control Sample	136 S1+	123
LCS 880-98404/2-A	Lab Control Sample	158 S1+	172 S1+
LCSD 880-98401/3-A	Lab Control Sample Dup	110	95
LCSD 880-98402/3-A	Lab Control Sample Dup	145 S1+	123
LCSD 880-98403/3-A	Lab Control Sample Dup	133 S1+	120
LCSD 880-98404/3-A	Lab Control Sample Dup	166 S1+	175 S1+
MB 880-98401/1-A	Method Blank	81	80
MB 880-98402/1-A	Method Blank	75	75
MB 880-98403/1-A	Method Blank	91	74
MB 880-98404/1-A	Method Blank	93	96
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-98432/5-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	12/20/24 08:24	12/20/24 11:08	1
1,4-Difluorobenzene (Surr)	85		70 - 130	12/20/24 08:24	12/20/24 11:08	1

Lab Sample ID: LCS 880-98432/1-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1137		mg/Kg		114	70 - 130
Ethylbenzene	0.100	0.1107		mg/Kg		111	70 - 130
Toluene	0.100	0.1082		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2221		mg/Kg		111	70 - 130
o-Xylene	0.100	0.1128		mg/Kg		113	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-98432/2-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1182		mg/Kg		118	70 - 130	4	35
Ethylbenzene	0.100	0.1145		mg/Kg		114	70 - 130	3	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2282		mg/Kg		114	70 - 130	3	35
o-Xylene	0.100	0.1165		mg/Kg		117	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	12/20/24 08:27	12/20/24 11:02	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:27	12/20/24 11:02	1

Lab Sample ID: LCS 880-98433/1-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1001		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09410		mg/Kg		94	70 - 130
Toluene	0.100	0.09371		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1885		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09536		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-98433/2-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1048		mg/Kg		105	70 - 130	5	35
Ethylbenzene	0.100	0.09886		mg/Kg		99	70 - 130	5	35
Toluene	0.100	0.09817		mg/Kg		98	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1969		mg/Kg		98	70 - 130	4	35
o-Xylene	0.100	0.09974		mg/Kg		100	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	111		70 - 130				12/20/24 08:30	12/20/24 11:25	1
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:30	12/20/24 11:25	1

Lab Sample ID: LCS 880-98434/1-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits		
		Result	Qualifier						
Benzene	0.100	0.1149		mg/Kg		115	70 - 130		
Ethylbenzene	0.100	0.1100		mg/Kg		110	70 - 130		
Toluene	0.100	0.1116		mg/Kg		112	70 - 130		
m-Xylene & p-Xylene	0.200	0.2234		mg/Kg		112	70 - 130		
o-Xylene	0.100	0.1142		mg/Kg		114	70 - 130		
Surrogate	LCS	LCS	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	107		70 - 130						
1,4-Difluorobenzene (Surr)	104		70 - 130						

Lab Sample ID: LCSD 880-98434/2-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.1162		mg/Kg		116	70 - 130	1	35
Ethylbenzene	0.100	0.1102		mg/Kg		110	70 - 130	0	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2247		mg/Kg		112	70 - 130	1	35
o-Xylene	0.100	0.1148		mg/Kg		115	70 - 130	1	35
Surrogate	LCSD	LCSD	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	109		70 - 130						
1,4-Difluorobenzene (Surr)	103		70 - 130						

Lab Sample ID: MB 880-98435/5-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98435

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac		
4-Bromofluorobenzene (Surr)	92		70 - 130	12/20/24 08:33	12/20/24 11:07	1			
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 11:07	1			

Lab Sample ID: LCS 880-98435/1-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1025		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.1037		mg/Kg		104	70 - 130
Toluene	0.100	0.1077		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2015		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1117		mg/Kg		112	70 - 130

	LCS	LCS							
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	106		70 - 130						
1,4-Difluorobenzene (Surr)	99		70 - 130						

Lab Sample ID: LCSD 880-98435/2-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1068		mg/Kg		107	70 - 130	4	35
Ethylbenzene	0.100	0.1065		mg/Kg		107	70 - 130	3	35
Toluene	0.100	0.1103		mg/Kg		110	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2041		mg/Kg		102	70 - 130	1	35
o-Xylene	0.100	0.1136		mg/Kg		114	70 - 130	2	35

	LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	108		70 - 130						
1,4-Difluorobenzene (Surr)	98		70 - 130						

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-98401/1-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98401

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac			
1-Chlorooctane	81		70 - 130	12/19/24 21:26	12/20/24 00:11	1				
o-Terphenyl	80		70 - 130	12/19/24 21:26	12/20/24 00:11	1				

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98401/2-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98401

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1058		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	960.9		mg/Kg		96	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	118		70 - 130				
o-Terphenyl	102		70 - 130				

Lab Sample ID: LCSD 880-98401/3-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98401

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1005		mg/Kg		101	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	903.5		mg/Kg		90	70 - 130	6	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	110		70 - 130						
o-Terphenyl	95		70 - 130						

Lab Sample ID: MB 880-98402/1-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 98402

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1-Chlorooctane	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	
o-Terphenyl	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	

Lab Sample ID: LCS 880-98402/2-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1061		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1028		mg/Kg		103	70 - 130

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98402/2-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98402

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: LCSD 880-98402/3-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98402

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1288		mg/Kg		129	70 - 130	19	20
Diesel Range Organics (Over C10-C28)			1000	1231		mg/Kg		123	70 - 130	18	20
Surrogate	LCSD	LCSD									
	%Recovery	Qualifier									
1-Chlorooctane	145	S1+									
o-Terphenyl	123										

Lab Sample ID: 890-7492-3 MS
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: SS 64
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	665.3	F1	mg/Kg		67	70 - 130		
Diesel Range Organics (Over C10-C28)	631	F1	998	1155	F1	mg/Kg		53	70 - 130		
Surrogate	MS	MS									
	%Recovery	Qualifier									
1-Chlorooctane	78										
o-Terphenyl	76										

Lab Sample ID: 890-7492-3 MSD
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: SS 64
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	660.4	F1	mg/Kg		66	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	631	F1	998	1141	F1	mg/Kg		51	70 - 130	1	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier									
1-Chlorooctane	77										
o-Terphenyl	76										

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-98403/1-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98403

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				12/19/24 21:30	12/20/24 09:12	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 09:12	1

Lab Sample ID: LCS 880-98403/2-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1333	*+	mg/Kg		133	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1178		mg/Kg		118	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	136	S1+	70 - 130				
o-Terphenyl	123		70 - 130				

Lab Sample ID: LCSD 880-98403/3-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1180		mg/Kg		118	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	1000	1166		mg/Kg		117	70 - 130	1	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	133	S1+	70 - 130						
o-Terphenyl	120		70 - 130						

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	997	729.6		mg/Kg		73	70 - 130
Diesel Range Organics (Over C10-C28)	538	F1	997	1207	F1	mg/Kg		67	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	80		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: 890-7492-13 MSD

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	997	855.4		mg/Kg		86	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	538	F1	997	1282		mg/Kg		75	70 - 130	6	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	79		70 - 130								
o-Terphenyl	81		70 - 130								

Lab Sample ID: MB 880-98404/1-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98404

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				12/19/24 21:32	12/20/24 09:12	1
o-Terphenyl	96		70 - 130				12/19/24 21:32	12/20/24 09:12	1

Lab Sample ID: LCS 880-98404/2-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1398	*+	mg/Kg		140	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1468	*+	mg/Kg		147	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	158	S1+	70 - 130				
o-Terphenyl	172	S1+	70 - 130				

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-98404/3-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1465	*+	mg/Kg		147	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	1590	*+	mg/Kg		159	70 - 130	8	20
		LCSD	LCSD						
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane	166	S1+	70 - 130						
o-Terphenyl	175	S1+	70 - 130						

Lab Sample ID: 890-7492-23 MS

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: SS 420

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	781.1		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	867.3		mg/Kg		84	70 - 130		
		MS	MS								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Lab Sample ID: 890-7492-23 MSD

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: SS 420

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	804.1		mg/Kg		80	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	863.1		mg/Kg		84	70 - 130	0	20
		MSD	MSD								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-98374/1-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 08:34	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-98374/2-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.6		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-98374/3-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	245.0		mg/Kg		98	90 - 110	2	20

Lab Sample ID: 890-7492-2 MS

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1300	F1	1250	3073	F1	mg/Kg		142	90 - 110

Lab Sample ID: 890-7492-2 MSD

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1300	F1	1250	3070	F1	mg/Kg		142	90 - 110	0	20

Lab Sample ID: MB 880-98373/1-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 03:00	1

Lab Sample ID: LCS 880-98373/2-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	258.6		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-98373/3-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	257.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-7492-20 MS

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: SS 477

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	126		257	387.5		mg/Kg		102	90 - 110

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-7492-20 MSD							Client Sample ID: SS 477					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 98377												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	126		248	372.8		mg/Kg		100	90 - 110	4	20	

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA

Analysis Batch: 98350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-2	SS 20	Total/NA	Solid	8021B	98432
890-7492-3	SS 64	Total/NA	Solid	8021B	98432
890-7492-4	SS 80	Total/NA	Solid	8021B	98432
890-7492-5	SS 262	Total/NA	Solid	8021B	98432
890-7492-6	SS 320	Total/NA	Solid	8021B	98432
MB 880-98432/5-A	Method Blank	Total/NA	Solid	8021B	98432
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	8021B	98432
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98432

Analysis Batch: 98351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	8021B	98433
890-7492-8	SS 46	Total/NA	Solid	8021B	98433
890-7492-9	SS 107	Total/NA	Solid	8021B	98433
890-7492-10	SS 290	Total/NA	Solid	8021B	98433
890-7492-11	SS 339	Total/NA	Solid	8021B	98433
890-7492-12	SS 495	Total/NA	Solid	8021B	98433
MB 880-98433/5-A	Method Blank	Total/NA	Solid	8021B	98433
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	8021B	98433
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98433

Analysis Batch: 98352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	8021B	98434
890-7492-20	SS 477	Total/NA	Solid	8021B	98434
890-7492-21	SS 176	Total/NA	Solid	8021B	98434
890-7492-22	SS 138	Total/NA	Solid	8021B	98434
890-7492-23	SS 420	Total/NA	Solid	8021B	98434
MB 880-98434/5-A	Method Blank	Total/NA	Solid	8021B	98434
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	8021B	98434
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98434

Analysis Batch: 98353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8021B	98435
890-7492-14	SS 154	Total/NA	Solid	8021B	98435
890-7492-15	SS 504	Total/NA	Solid	8021B	98435
890-7492-16	SS 398	Total/NA	Solid	8021B	98435
890-7492-17	SS 183	Total/NA	Solid	8021B	98435
890-7492-18	SS 200	Total/NA	Solid	8021B	98435
MB 880-98435/5-A	Method Blank	Total/NA	Solid	8021B	98435
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	8021B	98435
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98435

Prep Batch: 98432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	5035	
890-7492-2	SS 20	Total/NA	Solid	5035	
890-7492-3	SS 64	Total/NA	Solid	5035	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Prep Batch: 98432 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-4	SS 80	Total/NA	Solid	5035	
890-7492-5	SS 262	Total/NA	Solid	5035	
890-7492-6	SS 320	Total/NA	Solid	5035	
MB 880-98432/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	5035	
890-7492-8	SS 46	Total/NA	Solid	5035	
890-7492-9	SS 107	Total/NA	Solid	5035	
890-7492-10	SS 290	Total/NA	Solid	5035	
890-7492-11	SS 339	Total/NA	Solid	5035	
890-7492-12	SS 495	Total/NA	Solid	5035	
MB 880-98433/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	5035	
890-7492-20	SS 477	Total/NA	Solid	5035	
890-7492-21	SS 176	Total/NA	Solid	5035	
890-7492-22	SS 138	Total/NA	Solid	5035	
890-7492-23	SS 420	Total/NA	Solid	5035	
MB 880-98434/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	5035	
890-7492-14	SS 154	Total/NA	Solid	5035	
890-7492-15	SS 504	Total/NA	Solid	5035	
890-7492-16	SS 398	Total/NA	Solid	5035	
890-7492-17	SS 183	Total/NA	Solid	5035	
890-7492-18	SS 200	Total/NA	Solid	5035	
MB 880-98435/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 98498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	Total BTEX	
890-7492-2	SS 20	Total/NA	Solid	Total BTEX	
890-7492-3	SS 64	Total/NA	Solid	Total BTEX	
890-7492-4	SS 80	Total/NA	Solid	Total BTEX	
890-7492-5	SS 262	Total/NA	Solid	Total BTEX	
890-7492-6	SS 320	Total/NA	Solid	Total BTEX	
890-7492-7	SS 488	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Analysis Batch: 98498 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-8	SS 46	Total/NA	Solid	Total BTEX	
890-7492-9	SS 107	Total/NA	Solid	Total BTEX	
890-7492-10	SS 290	Total/NA	Solid	Total BTEX	
890-7492-11	SS 339	Total/NA	Solid	Total BTEX	
890-7492-12	SS 495	Total/NA	Solid	Total BTEX	
890-7492-13	SS 129	Total/NA	Solid	Total BTEX	
890-7492-14	SS 154	Total/NA	Solid	Total BTEX	
890-7492-15	SS 504	Total/NA	Solid	Total BTEX	
890-7492-16	SS 398	Total/NA	Solid	Total BTEX	
890-7492-17	SS 183	Total/NA	Solid	Total BTEX	
890-7492-18	SS 200	Total/NA	Solid	Total BTEX	
890-7492-19	SS 435	Total/NA	Solid	Total BTEX	
890-7492-20	SS 477	Total/NA	Solid	Total BTEX	
890-7492-21	SS 176	Total/NA	Solid	Total BTEX	
890-7492-22	SS 138	Total/NA	Solid	Total BTEX	
890-7492-23	SS 420	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 98401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015NM Prep	
890-7492-2	SS 20	Total/NA	Solid	8015NM Prep	
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 98402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-4	SS 80	Total/NA	Solid	8015NM Prep	
890-7492-5	SS 262	Total/NA	Solid	8015NM Prep	
890-7492-6	SS 320	Total/NA	Solid	8015NM Prep	
890-7492-7	SS 488	Total/NA	Solid	8015NM Prep	
890-7492-8	SS 46	Total/NA	Solid	8015NM Prep	
890-7492-9	SS 107	Total/NA	Solid	8015NM Prep	
890-7492-10	SS 290	Total/NA	Solid	8015NM Prep	
890-7492-11	SS 339	Total/NA	Solid	8015NM Prep	
890-7492-12	SS 495	Total/NA	Solid	8015NM Prep	
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-3 MS	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-3 MSD	SS 64	Total/NA	Solid	8015NM Prep	

Prep Batch: 98403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-14	SS 154	Total/NA	Solid	8015NM Prep	
890-7492-15	SS 504	Total/NA	Solid	8015NM Prep	
890-7492-16	SS 398	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Prep Batch: 98403 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-17	SS 183	Total/NA	Solid	8015NM Prep	
890-7492-18	SS 200	Total/NA	Solid	8015NM Prep	
890-7492-19	SS 435	Total/NA	Solid	8015NM Prep	
890-7492-20	SS 477	Total/NA	Solid	8015NM Prep	
890-7492-21	SS 176	Total/NA	Solid	8015NM Prep	
890-7492-22	SS 138	Total/NA	Solid	8015NM Prep	
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-13 MS	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-13 MSD	SS 129	Total/NA	Solid	8015NM Prep	

Prep Batch: 98404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015NM Prep	
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-23 MS	SS 420	Total/NA	Solid	8015NM Prep	
890-7492-23 MSD	SS 420	Total/NA	Solid	8015NM Prep	

Analysis Batch: 98423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015B NM	98401
890-7492-2	SS 20	Total/NA	Solid	8015B NM	98401
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015B NM	98401
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98401
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98401

Analysis Batch: 98425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-4	SS 80	Total/NA	Solid	8015B NM	98402
890-7492-5	SS 262	Total/NA	Solid	8015B NM	98402
890-7492-6	SS 320	Total/NA	Solid	8015B NM	98402
890-7492-7	SS 488	Total/NA	Solid	8015B NM	98402
890-7492-8	SS 46	Total/NA	Solid	8015B NM	98402
890-7492-9	SS 107	Total/NA	Solid	8015B NM	98402
890-7492-10	SS 290	Total/NA	Solid	8015B NM	98402
890-7492-11	SS 339	Total/NA	Solid	8015B NM	98402
890-7492-12	SS 495	Total/NA	Solid	8015B NM	98402
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015B NM	98402
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98402
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98402
890-7492-3 MS	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-3 MSD	SS 64	Total/NA	Solid	8015B NM	98402

Analysis Batch: 98427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-14	SS 154	Total/NA	Solid	8015B NM	98403

Eurofins Carlsbad

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Analysis Batch: 98427 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-15	SS 504	Total/NA	Solid	8015B NM	98403
890-7492-16	SS 398	Total/NA	Solid	8015B NM	98403
890-7492-17	SS 183	Total/NA	Solid	8015B NM	98403
890-7492-18	SS 200	Total/NA	Solid	8015B NM	98403
890-7492-19	SS 435	Total/NA	Solid	8015B NM	98403
890-7492-20	SS 477	Total/NA	Solid	8015B NM	98403
890-7492-21	SS 176	Total/NA	Solid	8015B NM	98403
890-7492-22	SS 138	Total/NA	Solid	8015B NM	98403
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015B NM	98403
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98403
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98403
890-7492-13 MS	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-13 MSD	SS 129	Total/NA	Solid	8015B NM	98403

Analysis Batch: 98430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015B NM	98404
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015B NM	98404
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98404
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98404
890-7492-23 MS	SS 420	Total/NA	Solid	8015B NM	98404
890-7492-23 MSD	SS 420	Total/NA	Solid	8015B NM	98404

Analysis Batch: 98523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015 NM	
890-7492-2	SS 20	Total/NA	Solid	8015 NM	
890-7492-3	SS 64	Total/NA	Solid	8015 NM	
890-7492-4	SS 80	Total/NA	Solid	8015 NM	
890-7492-5	SS 262	Total/NA	Solid	8015 NM	
890-7492-6	SS 320	Total/NA	Solid	8015 NM	
890-7492-7	SS 488	Total/NA	Solid	8015 NM	
890-7492-8	SS 46	Total/NA	Solid	8015 NM	
890-7492-9	SS 107	Total/NA	Solid	8015 NM	
890-7492-10	SS 290	Total/NA	Solid	8015 NM	
890-7492-11	SS 339	Total/NA	Solid	8015 NM	
890-7492-12	SS 495	Total/NA	Solid	8015 NM	
890-7492-13	SS 129	Total/NA	Solid	8015 NM	
890-7492-14	SS 154	Total/NA	Solid	8015 NM	
890-7492-15	SS 504	Total/NA	Solid	8015 NM	
890-7492-16	SS 398	Total/NA	Solid	8015 NM	
890-7492-17	SS 183	Total/NA	Solid	8015 NM	
890-7492-18	SS 200	Total/NA	Solid	8015 NM	
890-7492-19	SS 435	Total/NA	Solid	8015 NM	
890-7492-20	SS 477	Total/NA	Solid	8015 NM	
890-7492-21	SS 176	Total/NA	Solid	8015 NM	
890-7492-22	SS 138	Total/NA	Solid	8015 NM	
890-7492-23	SS 420	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC

Leach Batch: 98373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	DI Leach	
890-7492-13	SS 129	Soluble	Solid	DI Leach	
890-7492-14	SS 154	Soluble	Solid	DI Leach	
890-7492-15	SS 504	Soluble	Solid	DI Leach	
890-7492-16	SS 398	Soluble	Solid	DI Leach	
890-7492-17	SS 183	Soluble	Solid	DI Leach	
890-7492-18	SS 200	Soluble	Solid	DI Leach	
890-7492-19	SS 435	Soluble	Solid	DI Leach	
890-7492-20	SS 477	Soluble	Solid	DI Leach	
890-7492-21	SS 176	Soluble	Solid	DI Leach	
890-7492-22	SS 138	Soluble	Solid	DI Leach	
890-7492-23	SS 420	Soluble	Solid	DI Leach	
MB 880-98373/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-20 MS	SS 477	Soluble	Solid	DI Leach	
890-7492-20 MSD	SS 477	Soluble	Solid	DI Leach	

Leach Batch: 98374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	DI Leach	
890-7492-2	SS 20	Soluble	Solid	DI Leach	
890-7492-3	SS 64	Soluble	Solid	DI Leach	
890-7492-4	SS 80	Soluble	Solid	DI Leach	
890-7492-5	SS 262	Soluble	Solid	DI Leach	
890-7492-6	SS 320	Soluble	Solid	DI Leach	
890-7492-7	SS 488	Soluble	Solid	DI Leach	
890-7492-8	SS 46	Soluble	Solid	DI Leach	
890-7492-9	SS 107	Soluble	Solid	DI Leach	
890-7492-10	SS 290	Soluble	Solid	DI Leach	
890-7492-11	SS 339	Soluble	Solid	DI Leach	
MB 880-98374/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-2 MS	SS 20	Soluble	Solid	DI Leach	
890-7492-2 MSD	SS 20	Soluble	Solid	DI Leach	

Analysis Batch: 98376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	300.0	98374
890-7492-2	SS 20	Soluble	Solid	300.0	98374
890-7492-3	SS 64	Soluble	Solid	300.0	98374
890-7492-4	SS 80	Soluble	Solid	300.0	98374
890-7492-5	SS 262	Soluble	Solid	300.0	98374
890-7492-6	SS 320	Soluble	Solid	300.0	98374
890-7492-7	SS 488	Soluble	Solid	300.0	98374
890-7492-8	SS 46	Soluble	Solid	300.0	98374
890-7492-9	SS 107	Soluble	Solid	300.0	98374
890-7492-10	SS 290	Soluble	Solid	300.0	98374
890-7492-11	SS 339	Soluble	Solid	300.0	98374
MB 880-98374/1-A	Method Blank	Soluble	Solid	300.0	98374

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC (Continued)

Analysis Batch: 98376 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	300.0	98374
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98374
890-7492-2 MS	SS 20	Soluble	Solid	300.0	98374
890-7492-2 MSD	SS 20	Soluble	Solid	300.0	98374

Analysis Batch: 98377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	300.0	98373
890-7492-13	SS 129	Soluble	Solid	300.0	98373
890-7492-14	SS 154	Soluble	Solid	300.0	98373
890-7492-15	SS 504	Soluble	Solid	300.0	98373
890-7492-16	SS 398	Soluble	Solid	300.0	98373
890-7492-17	SS 183	Soluble	Solid	300.0	98373
890-7492-18	SS 200	Soluble	Solid	300.0	98373
890-7492-19	SS 435	Soluble	Solid	300.0	98373
890-7492-20	SS 477	Soluble	Solid	300.0	98373
890-7492-21	SS 176	Soluble	Solid	300.0	98373
890-7492-22	SS 138	Soluble	Solid	300.0	98373
890-7492-23	SS 420	Soluble	Solid	300.0	98373
MB 880-98373/1-A	Method Blank	Soluble	Solid	300.0	98373
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	300.0	98373
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98373
890-7492-20 MS	SS 477	Soluble	Solid	300.0	98373
890-7492-20 MSD	SS 477	Soluble	Solid	300.0	98373

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01
Date Collected: 12/19/24 08:20
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 11:51
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		5	98350	MNR	EET MID	12/20/24 13:55
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:55
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		20	98376	CH	EET MID	12/20/24 10:49

Client Sample ID: SS 20
Date Collected: 12/19/24 08:36
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:15
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:15
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 10:58

Client Sample ID: SS 64
Date Collected: 12/19/24 08:47
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 12:33
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:33
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 09:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 09:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:54

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:36
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:36
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:24
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:24
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:30

Client Sample ID: SS 262

Lab Sample ID: 890-7492-5

Date Collected: 12/19/24 08:59

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		50	98350	MNR	EET MID	12/20/24 13:14
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:14
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:38
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:38
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:48

Client Sample ID: SS 320

Lab Sample ID: 890-7492-6

Date Collected: 12/19/24 09:04

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		25	98350	MNR	EET MID	12/20/24 13:34
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:34
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:53
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:53
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:59

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		100	98351	MNR	EET MID	12/20/24 12:24
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:24

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488**Lab Sample ID: 890-7492-7****Date Collected: 12/19/24 09:12****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:08
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:08
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:06

Client Sample ID: SS 46**Lab Sample ID: 890-7492-8****Date Collected: 12/19/24 10:15****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 12:45
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:45
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:25
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:25
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:11

Client Sample ID: SS 107**Lab Sample ID: 890-7492-9****Date Collected: 12/19/24 10:22****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:05
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:05
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:17

Client Sample ID: SS 290**Lab Sample ID: 890-7492-10****Date Collected: 12/19/24 10:30****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:25
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:25
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:54
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:54

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 290
Date Collected: 12/19/24 10:30
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:23

Client Sample ID: SS 339
Date Collected: 12/19/24 10:37
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:46
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:46
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:29

Client Sample ID: SS 495
Date Collected: 12/19/24 10:44
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 14:06
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:06
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:36

Client Sample ID: SS 129
Date Collected: 12/19/24 11:07
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 11:49
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 11:49
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:43

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Date Collected: 12/19/24 11:19

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:10
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:10
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:00
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:00
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:50

Client Sample ID: SS 504

Date Collected: 12/19/24 11:40

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		10	98353	MNR	EET MID	12/20/24 13:32
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:32
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:15
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:15
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:12

Client Sample ID: SS 398

Date Collected: 12/19/24 11:27

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:30
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:30
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:31
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:31
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:19

Client Sample ID: SS 183

Date Collected: 12/19/24 11:44

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:51
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:51

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183
Date Collected: 12/19/24 11:44
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:47
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:47
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:26

Client Sample ID: SS 200
Date Collected: 12/19/24 11:49
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 13:11
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:11
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:03
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:03
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:33

Client Sample ID: SS 435
Date Collected: 12/19/24 11:53
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:07
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:07
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:20
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:20
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:40

Client Sample ID: SS 477
Date Collected: 12/19/24 12:02
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:27
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:27
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:36
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:36

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 477
Date Collected: 12/19/24 12:02
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:48

Client Sample ID: SS 176
Date Collected: 12/19/24 12:07
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		10	98352	MNR	EET MID	12/20/24 13:28
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:28
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:52
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:52
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:09

Client Sample ID: SS 138
Date Collected: 12/19/24 12:17
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:48
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:48
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 14:07
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 14:07
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 10:16

Client Sample ID: SS 420
Date Collected: 12/19/24 12:22
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 13:08
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:08
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98404	EL	EET MID	12/19/24 21:32
Total/NA	Analysis	8015B NM		1	98430	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:38

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

- 1
- 2
- 3
- 4
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- 14

Accreditation/Certification Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7492-1	SS 01	Solid	12/19/24 08:20	12/19/24 15:45	- SURFACE
890-7492-2	SS 20	Solid	12/19/24 08:36	12/19/24 15:45	- SURFACE
890-7492-3	SS 64	Solid	12/19/24 08:47	12/19/24 15:45	- SURFACE
890-7492-4	SS 80	Solid	12/19/24 08:53	12/19/24 15:45	- SURFACE
890-7492-5	SS 262	Solid	12/19/24 08:59	12/19/24 15:45	- SURFACE
890-7492-6	SS 320	Solid	12/19/24 09:04	12/19/24 15:45	- SURFACE
890-7492-7	SS 488	Solid	12/19/24 09:12	12/19/24 15:45	- SURFACE
890-7492-8	SS 46	Solid	12/19/24 10:15	12/19/24 15:45	- SURFACE
890-7492-9	SS 107	Solid	12/19/24 10:22	12/19/24 15:45	- SURFACE
890-7492-10	SS 290	Solid	12/19/24 10:30	12/19/24 15:45	- SURFACE
890-7492-11	SS 339	Solid	12/19/24 10:37	12/19/24 15:45	- SURFACE
890-7492-12	SS 495	Solid	12/19/24 10:44	12/19/24 15:45	- SURFACE
890-7492-13	SS 129	Solid	12/19/24 11:07	12/19/24 15:45	- SURFACE
890-7492-14	SS 154	Solid	12/19/24 11:19	12/19/24 15:45	- SURFACE
890-7492-15	SS 504	Solid	12/19/24 11:40	12/19/24 15:45	- SURFACE
890-7492-16	SS 398	Solid	12/19/24 11:27	12/19/24 15:45	- SURFACE
890-7492-17	SS 183	Solid	12/19/24 11:44	12/19/24 15:45	- SURFACE
890-7492-18	SS 200	Solid	12/19/24 11:49	12/19/24 15:45	- SURFACE
890-7492-19	SS 435	Solid	12/19/24 11:53	12/19/24 15:45	- SURFACE
890-7492-20	SS 477	Solid	12/19/24 12:02	12/19/24 15:45	- SURFACE
890-7492-21	SS 176	Solid	12/19/24 12:07	12/19/24 15:45	- SURFACE
890-7492-22	SS 138	Solid	12/19/24 12:17	12/19/24 15:45	- SURFACE
890-7492-23	SS 420	Solid	12/19/24 12:22	12/19/24 15:45	- SURFACE



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 1 of 3

Project Manager: Michael Wicker
Company Name: Cotto
Address:
City, State ZIP:
Phone: 616-970-8459
Email: mwicker@cottoconsult.com

Bill to: (if different)
Company Name:
Address:
City, State ZIP:
Email:
Turn Around
☐ Routine ☒ Rush
Due Date: 12-20-2024
TAT starts the day received by the lab, if received by 4:30pm

Work Order Comments
Program: ☐ UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADAPT ☐ Other:

Project Name: Close Encounter 30114
Project Number:
Project Location: Buckeye, NM
Sampler's Name: Dakotah Cueto
PO #:
SAMPLE RECEIPT
Temp Blank: Yes ☒ No ☐ Wet Ice: Yes ☒ No ☐
Samples Received Intact: Yes ☒ No ☐ Thermometer ID: Turner
Cooler Custody Seals: Yes ☒ No ☐ Correction Factor: -0.2
Sample Custody Seals: Yes ☒ No ☐ Temperature Reading: 5.8
Total Containers: 5.0 Corrected Temperature:

ANALYSIS REQUEST
Preservative Codes
None: NO DI Water: H₂O
Cool: Cool MeOH: Me
HCL: HC HNO₃
H₂SO₄: H₂ NaOH: Na
H₃PO₄: HP
NaHSO₄: NABIS
Na₂S₂O₃: NaSO₃
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters	Pres. Code	Turn Around	Due Date	TAT starts the day received by the lab, if received by 4:30pm
SS01	S	12-19-24	08:20	Surf	C	1					
SS20	S		08:36		C	1					
SS64	S		08:47		C	1					
SS80	S		08:53		C	1					
SS262	S		08:59		C	1					
SS320	S		09:04		C	1					
SS488	S		09:12		C	1					
SS46	S		10:15		C	1					
SS107	S		10:22		C	1					
SS290	S		10:30		C	1					

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>Dakotah Cueto</u>	<u>[Signature]</u>	12/19 1545			
3		4			
5		6			





Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 505-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 2 of 3

Project Manager: Michael Wicker	Bill to: (if different)	Work Order Comments
Company Name: CETO	Company Name:	Program: ☐ UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
Address:	Address:	State of Project:
City, State ZIP:	City, State ZIP:	Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Phone: 661-970-8459	Email: mwicker@cetoconsult.com	Deliverables: EDD ☐ ADAPT ☐ Other:

Project Name: Close Encounters Golf	Turn Around	ANALYSIS REQUEST	Preservative Codes
Project Number:	☐ Routine ☒ Rush		None: NO DI Water: H ₂ O
Project Location: Buellville, NM	Due Date: 12-20-2024		Cool: Cool MeOH: Me
Sampler's Name: Dakotaiah Cweto	TAT starts the day received by the lab, if received by 4:30pm		HCL: HC HNO ₃
PO #:			H ₂ SO ₄ : H ₂ NaOH: Na
SAMPLE RECEIPT	Temp Blank: Yes No Wet Ice: Yes No		H ₃ PO ₄ : HP
Samples Received Intact: Yes No Thermometer ID:			NaHSO ₄ : NABIS
Cooler Custody Seals: Yes No N/A Correction Factor:			Na ₂ S ₂ O ₃ : NaSO ₃
Sample Custody Seals: Yes No N/A Temperature Reading:			Zn Acetate+NaOH: Zn
Total Containers:	Corrected Temperature:		NaOH+Ascorbic Acid: SAPC

Sample Identification		Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters										Sample Comments	
SS339	S	12/19/2024	10:37	Surf		C	1	NM - BGDOC											
SS495	S		10:44			C	1												
SS129	S		11:07			C	1												
SS154	S		11:19			C	1												
SS504	S		11:40			C	1												
SS398	S		11:27			C	1												
SS183	S		11:34			C	1												
SS200	S		11:49			C	1												
SS435	S		11:53			C	1												
SS477	S		12:02			C	1												

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Meta(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Notes: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
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3		4			
5		6			

Revised Date: 08/25/2020 Rev. 2020.2





Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3499
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

LITTLE ROCK, AR (501) 224-5060

Page 3 of 3

[illegible]

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Source: Eurofins Midland

List Number: 2

List Creation: 12/19/24 09:21 PM

Creator: Laing, Edmundo

Question	Answer	Comment
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time (excluding tests with immediate HTs)		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").		



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Michael Wicker
CDH Consulting
9446 Clermont St,
Thornton, Colorado 80229

Generated 2/13/2025 5:55:19 PM

JOB DESCRIPTION

CLOSE ENCOUNTERS 301 H
BUCKEYE

JOB NUMBER

890-7667-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

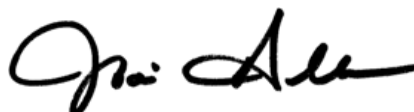
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
2/13/2025 5:55:19 PM

Authorized for release by
Jodi Allen, Project Manager I
Jodi.Allen@et.eurofinsus.com
(281)520-2865

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Laboratory Job ID: 890-7667-1
SDG: BUCKEYE

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Definitions/Glossary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7667-1
SDG: BUCKEYE

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTERS 301 H

Job ID: 890-7667-1

Job ID: 890-7667-1

Eurofins Carlsbad

Job Narrative 890-7667-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 2/12/2025 3:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.6°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SW 86 (890-7667-1), SW 92 (890-7667-2), SS 515 @ 4 (890-7667-3), SS 525 @ 5 (890-7667-4) and SS 535 @ 5 (890-7667-5).

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SW 86 (890-7667-1) and (890-7666-A-8-D). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-102714 and analytical batch 880-102696 was outside the upper control limits.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-102715 and analytical batch 880-102698 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (890-7667-A-2-E MS) and (890-7667-A-2-F MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-102715 and analytical batch 880-102698 was outside the upper control limits.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: SW 92 (890-7667-2), SS 515 @ 4 (890-7667-3), SS 525 @ 5 (890-7667-4) and SS 535 @ 5 (890-7667-5). Percent recoveries are based on the amount spiked.

Sample to be re-extracted and reanalyzed for same batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7667-1
SDG: BUCKEYE

Client Sample ID: SW 86

Lab Sample ID: 890-7667-1

Date Collected: 02/12/25 10:12

Matrix: Solid

Date Received: 02/12/25 15:30

Sample Depth: 0 - 7

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:11	02/13/25 11:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:11	02/13/25 11:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:11	02/13/25 11:34	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/13/25 08:11	02/13/25 11:34	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/13/25 08:11	02/13/25 11:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:11	02/13/25 11:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	02/13/25 08:11	02/13/25 11:34	1
1,4-Difluorobenzene (Surr)	104		70 - 130	02/13/25 08:11	02/13/25 11:34	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/13/25 11:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/13/25 13:39	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/13/25 11:08	02/13/25 13:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/13/25 11:08	02/13/25 13:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/13/25 11:08	02/13/25 13:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130	02/13/25 11:08	02/13/25 13:39	1
o-Terphenyl	60	S1-	70 - 130	02/13/25 11:08	02/13/25 13:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.3		9.96		mg/Kg			02/13/25 13:59	1

Client Sample ID: SW 92

Lab Sample ID: 890-7667-2

Date Collected: 02/12/25 10:26

Matrix: Solid

Date Received: 02/12/25 15:30

Sample Depth: 0 - 7

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:11	02/13/25 11:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:11	02/13/25 11:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:11	02/13/25 11:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/13/25 08:11	02/13/25 11:54	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/13/25 08:11	02/13/25 11:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:11	02/13/25 11:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	02/13/25 08:11	02/13/25 11:54	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7667-1
SDG: BUCKEYE

Client Sample ID: SW 92

Lab Sample ID: 890-7667-2

Date Collected: 02/12/25 10:26

Matrix: Solid

Date Received: 02/12/25 15:30

Sample Depth: 0 - 7

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	102		70 - 130	02/13/25 08:11	02/13/25 11:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/13/25 11:54	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			02/13/25 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U F1	50.3		mg/Kg		02/13/25 11:11	02/13/25 12:23	1
Diesel Range Organics (Over C10-C28)	<50.3	U F1	50.3		mg/Kg		02/13/25 11:11	02/13/25 12:23	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		02/13/25 11:11	02/13/25 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130				02/13/25 11:11	02/13/25 12:23	1
o-Terphenyl	60	S1-	70 - 130				02/13/25 11:11	02/13/25 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.6		9.92		mg/Kg			02/13/25 14:27	1

Client Sample ID: SS 515 @ 4

Lab Sample ID: 890-7667-3

Date Collected: 02/12/25 11:32

Matrix: Solid

Date Received: 02/12/25 15:30

Sample Depth: 4

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:11	02/13/25 12:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:11	02/13/25 12:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:11	02/13/25 12:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/13/25 08:11	02/13/25 12:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/13/25 08:11	02/13/25 12:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:11	02/13/25 12:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	02/13/25 08:11	02/13/25 12:15	1
1,4-Difluorobenzene (Surr)	101		70 - 130	02/13/25 08:11	02/13/25 12:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/13/25 12:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/13/25 13:09	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7667-1
SDG: BUCKEYE

Client Sample ID: SS 515 @ 4

Lab Sample ID: 890-7667-3

Date Collected: 02/12/25 11:32

Matrix: Solid

Date Received: 02/12/25 15:30

Sample Depth: 4

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/13/25 11:11	02/13/25 13:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/13/25 11:11	02/13/25 13:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/13/25 11:11	02/13/25 13:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	66	S1-	70 - 130				02/13/25 11:11	02/13/25 13:09	1
o-Terphenyl	56	S1-	70 - 130				02/13/25 11:11	02/13/25 13:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	80.3		10.1		mg/Kg			02/13/25 14:36	1

Client Sample ID: SS 525 @ 5

Lab Sample ID: 890-7667-4

Date Collected: 02/12/25 11:47

Matrix: Solid

Date Received: 02/12/25 15:30

Sample Depth: 5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:11	02/13/25 12:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:11	02/13/25 12:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:11	02/13/25 12:35	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/13/25 08:11	02/13/25 12:35	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/13/25 08:11	02/13/25 12:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:11	02/13/25 12:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				02/13/25 08:11	02/13/25 12:35	1
1,4-Difluorobenzene (Surr)	103		70 - 130				02/13/25 08:11	02/13/25 12:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/13/25 12:35	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/13/25 13:24	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/13/25 11:11	02/13/25 13:24	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/13/25 11:11	02/13/25 13:24	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/13/25 11:11	02/13/25 13:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	63	S1-	70 - 130				02/13/25 11:11	02/13/25 13:24	1
o-Terphenyl	54	S1-	70 - 130				02/13/25 11:11	02/13/25 13:24	1

Eurofins Carlsbad

Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7667-1
SDG: BUCKEYE

Client Sample ID: SS 525 @ 5

Lab Sample ID: 890-7667-4

Date Collected: 02/12/25 11:47

Matrix: Solid

Date Received: 02/12/25 15:30

Sample Depth: 5

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44.3		9.94		mg/Kg			02/13/25 14:45	1

Client Sample ID: SS 535 @ 5

Lab Sample ID: 890-7667-5

Date Collected: 02/12/25 12:16

Matrix: Solid

Date Received: 02/12/25 15:30

Sample Depth: 7

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:11	02/13/25 12:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:11	02/13/25 12:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:11	02/13/25 12:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/13/25 08:11	02/13/25 12:56	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/13/25 08:11	02/13/25 12:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:11	02/13/25 12:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				02/13/25 08:11	02/13/25 12:56	1
1,4-Difluorobenzene (Surr)	96		70 - 130				02/13/25 08:11	02/13/25 12:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/13/25 12:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			02/13/25 13:39	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		02/13/25 11:11	02/13/25 13:39	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		02/13/25 11:11	02/13/25 13:39	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		02/13/25 11:11	02/13/25 13:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	63	S1-	70 - 130				02/13/25 11:11	02/13/25 13:39	1
o-Terphenyl	53	S1-	70 - 130				02/13/25 11:11	02/13/25 13:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.8		10.0		mg/Kg			02/13/25 14:54	1

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Surrogate Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7667-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-7667-1	SW 86	101	104
890-7667-1 MS	SW 86	102	111
890-7667-1 MSD	SW 86	105	110
890-7667-2	SW 92	103	102
890-7667-3	SS 515 @ 4	100	101
890-7667-4	SS 525 @ 5	104	103
890-7667-5	SS 535 @ 5	102	96
LCS 880-102673/1-A	Lab Control Sample	98	103
LCSD 880-102673/2-A	Lab Control Sample Dup	98	111
MB 880-102673/5-A	Method Blank	103	95

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7667-1	SW 86	71	60 S1-
890-7667-2	SW 92	69 S1-	60 S1-
890-7667-2 MS	SW 92	80	66 S1-
890-7667-2 MSD	SW 92	81	65 S1-
890-7667-3	SS 515 @ 4	66 S1-	56 S1-
890-7667-4	SS 525 @ 5	63 S1-	54 S1-
890-7667-5	SS 535 @ 5	63 S1-	53 S1-
LCS 880-102714/2-A	Lab Control Sample	95	83
LCS 880-102715/2-A	Lab Control Sample	93	82
LCSD 880-102714/3-A	Lab Control Sample Dup	100	89
LCSD 880-102715/3-A	Lab Control Sample Dup	91	78
MB 880-102714/1-A	Method Blank	132 S1+	118
MB 880-102715/1-A	Method Blank	140 S1+	123

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7667-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-102673/5-A

Matrix: Solid

Analysis Batch: 102677

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 102673

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:11	02/13/25 11:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:11	02/13/25 11:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:11	02/13/25 11:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/13/25 08:11	02/13/25 11:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/13/25 08:11	02/13/25 11:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:11	02/13/25 11:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	02/13/25 08:11	02/13/25 11:12	1
1,4-Difluorobenzene (Surr)	95		70 - 130	02/13/25 08:11	02/13/25 11:12	1

Lab Sample ID: LCS 880-102673/1-A

Matrix: Solid

Analysis Batch: 102677

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 102673

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1006		mg/Kg		101	70 - 130
Ethylbenzene	0.100	0.09646		mg/Kg		96	70 - 130
Toluene	0.100	0.08893		mg/Kg		89	70 - 130
m-Xylene & p-Xylene	0.200	0.2026		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1002		mg/Kg		100	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-102673/2-A

Matrix: Solid

Analysis Batch: 102677

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 102673

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1104		mg/Kg		110	70 - 130	9	35
Ethylbenzene	0.100	0.1051		mg/Kg		105	70 - 130	9	35
Toluene	0.100	0.09676		mg/Kg		97	70 - 130	8	35
m-Xylene & p-Xylene	0.200	0.2211		mg/Kg		111	70 - 130	9	35
o-Xylene	0.100	0.1097		mg/Kg		110	70 - 130	9	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: 890-7667-1 MS

Matrix: Solid

Analysis Batch: 102677

Client Sample ID: SW 86

Prep Type: Total/NA

Prep Batch: 102673

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0998	0.1039		mg/Kg		104	70 - 130
Ethylbenzene	<0.00200	U	0.0998	0.09742		mg/Kg		98	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7667-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-7667-1 MS

Matrix: Solid

Analysis Batch: 102677

Client Sample ID: SW 86

Prep Type: Total/NA

Prep Batch: 102673

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	<0.00200	U	0.0998	0.09029		mg/Kg		90	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.200	0.2049		mg/Kg		103	70 - 130
o-Xylene	<0.00200	U	0.0998	0.1015		mg/Kg		102	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: 890-7667-1 MSD

Matrix: Solid

Analysis Batch: 102677

Client Sample ID: SW 86

Prep Type: Total/NA

Prep Batch: 102673

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U	0.0996	0.1012		mg/Kg		102	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.0996	0.09538		mg/Kg		96	70 - 130	2	35
Toluene	<0.00200	U	0.0996	0.08832		mg/Kg		89	70 - 130	2	35
m-Xylene & p-Xylene	<0.00401	U	0.199	0.1992		mg/Kg		100	70 - 130	3	35
o-Xylene	<0.00200	U	0.0996	0.09997		mg/Kg		100	70 - 130	1	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-102714/1-A

Matrix: Solid

Analysis Batch: 102696

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 102714

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/13/25 11:08	02/13/25 09:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/13/25 11:08	02/13/25 09:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/13/25 11:08	02/13/25 09:52	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	132	S1+	70 - 130	02/13/25 11:08	02/13/25 09:52	1
o-Terphenyl	118		70 - 130	02/13/25 11:08	02/13/25 09:52	1

Lab Sample ID: LCS 880-102714/2-A

Matrix: Solid

Analysis Batch: 102696

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 102714

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1174		mg/Kg		117	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1043		mg/Kg		104	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7667-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-102714/2-A

Matrix: Solid

Analysis Batch: 102696

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 102714

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	95		70 - 130
o-Terphenyl	83		70 - 130

Lab Sample ID: LCSD 880-102714/3-A

Matrix: Solid

Analysis Batch: 102696

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 102714

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1212		mg/Kg		121	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	1099		mg/Kg		110	70 - 130	5	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	100		70 - 130
o-Terphenyl	89		70 - 130

Lab Sample ID: MB 880-102715/1-A

Matrix: Solid

Analysis Batch: 102698

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 102715

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/13/25 11:10	02/13/25 09:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/13/25 11:10	02/13/25 09:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/13/25 11:10	02/13/25 09:52	1

	MB	MB		Prepared	Analyzed	Dil Fac
Surrogate	%Recovery	Qualifier	Limits			
1-Chlorooctane	140	S1+	70 - 130	02/13/25 11:10	02/13/25 09:52	1
o-Terphenyl	123		70 - 130	02/13/25 11:10	02/13/25 09:52	1

Lab Sample ID: LCS 880-102715/2-A

Matrix: Solid

Analysis Batch: 102698

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 102715

	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1045		mg/Kg		105	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1035		mg/Kg		104	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	93		70 - 130
o-Terphenyl	82		70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7667-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-102715/3-A

Matrix: Solid

Analysis Batch: 102698

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 102715

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1089		mg/Kg		109	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	1053		mg/Kg		105	70 - 130	2	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	91		70 - 130						
o-Terphenyl	78		70 - 130						

Lab Sample ID: 890-7667-2 MS

Matrix: Solid

Analysis Batch: 102698

Client Sample ID: SW 92

Prep Type: Total/NA

Prep Batch: 102715

Top Data: 10/20/20										
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.3	U F1	1010	652.4	F1	mg/Kg		65	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.3	U F1	1010	666.5	F1	mg/Kg		64	70 - 130	
Surrogate	MS %Recovery	MS Qualifier	Limits							
1-Chlorooctane	80		70 - 130							
o-Terphenyl	66	S1-	70 - 130							

Lab Sample ID: 890-7667-2 MSD

Matrix: Solid

Analysis Batch: 102698

Client Sample ID: SW 92

Prep Type: Total/NA

Prep Batch: 102715

	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Analyte											
Gasoline Range Organics (GRO)-C6-C10	<50.3	U F1	1010	623.1	F1	mg/Kg		62	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<50.3	U F1	1010	646.2	F1	mg/Kg		62	70 - 130	3	20

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-102690/1-A

Matrix: Solid

Analysis Batch: 102709

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/13/25 09:03	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7667-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-102690/2-A				Client Sample ID: Lab Control Sample						
Matrix: Solid				Prep Type: Soluble						
Analysis Batch: 102709										
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits			
Chloride	250	236.4		mg/Kg		95	90 - 110			

Lab Sample ID: LCSD 880-102690/3-A				Client Sample ID: Lab Control Sample Dup						
Matrix: Solid				Prep Type: Soluble						
Analysis Batch: 102709										
Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	250	238.0		mg/Kg		95	90 - 110	1	20	

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7667-1
SDG: BUCKEYE

GC VOA

Prep Batch: 102673

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7667-1	SW 86	Total/NA	Solid	5035	
890-7667-2	SW 92	Total/NA	Solid	5035	
890-7667-3	SS 515 @ 4	Total/NA	Solid	5035	
890-7667-4	SS 525 @ 5	Total/NA	Solid	5035	
890-7667-5	SS 535 @ 5	Total/NA	Solid	5035	
MB 880-102673/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-102673/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-102673/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7667-1 MS	SW 86	Total/NA	Solid	5035	
890-7667-1 MSD	SW 86	Total/NA	Solid	5035	

Analysis Batch: 102677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7667-1	SW 86	Total/NA	Solid	8021B	102673
890-7667-2	SW 92	Total/NA	Solid	8021B	102673
890-7667-3	SS 515 @ 4	Total/NA	Solid	8021B	102673
890-7667-4	SS 525 @ 5	Total/NA	Solid	8021B	102673
890-7667-5	SS 535 @ 5	Total/NA	Solid	8021B	102673
MB 880-102673/5-A	Method Blank	Total/NA	Solid	8021B	102673
LCS 880-102673/1-A	Lab Control Sample	Total/NA	Solid	8021B	102673
LCSD 880-102673/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	102673
890-7667-1 MS	SW 86	Total/NA	Solid	8021B	102673
890-7667-1 MSD	SW 86	Total/NA	Solid	8021B	102673

Analysis Batch: 102726

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7667-1	SW 86	Total/NA	Solid	Total BTEX	
890-7667-2	SW 92	Total/NA	Solid	Total BTEX	
890-7667-3	SS 515 @ 4	Total/NA	Solid	Total BTEX	
890-7667-4	SS 525 @ 5	Total/NA	Solid	Total BTEX	
890-7667-5	SS 535 @ 5	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 102696

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7667-1	SW 86	Total/NA	Solid	8015B NM	102714
MB 880-102714/1-A	Method Blank	Total/NA	Solid	8015B NM	102714
LCS 880-102714/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	102714
LCSD 880-102714/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	102714

Analysis Batch: 102698

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7667-2	SW 92	Total/NA	Solid	8015B NM	102715
890-7667-3	SS 515 @ 4	Total/NA	Solid	8015B NM	102715
890-7667-4	SS 525 @ 5	Total/NA	Solid	8015B NM	102715
890-7667-5	SS 535 @ 5	Total/NA	Solid	8015B NM	102715
MB 880-102715/1-A	Method Blank	Total/NA	Solid	8015B NM	102715
LCS 880-102715/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	102715
LCSD 880-102715/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	102715
890-7667-2 MS	SW 92	Total/NA	Solid	8015B NM	102715

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7667-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Analysis Batch: 102698 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7667-2 MSD	SW 92	Total/NA	Solid	8015B NM	102715

Prep Batch: 102714

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7667-1	SW 86	Total/NA	Solid	8015NM Prep	
MB 880-102714/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-102714/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-102714/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 102715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7667-2	SW 92	Total/NA	Solid	8015NM Prep	
890-7667-3	SS 515 @ 4	Total/NA	Solid	8015NM Prep	
890-7667-4	SS 525 @ 5	Total/NA	Solid	8015NM Prep	
890-7667-5	SS 535 @ 5	Total/NA	Solid	8015NM Prep	
MB 880-102715/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-102715/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-102715/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7667-2 MS	SW 92	Total/NA	Solid	8015NM Prep	
890-7667-2 MSD	SW 92	Total/NA	Solid	8015NM Prep	

Analysis Batch: 102731

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7667-1	SW 86	Total/NA	Solid	8015 NM	
890-7667-2	SW 92	Total/NA	Solid	8015 NM	
890-7667-3	SS 515 @ 4	Total/NA	Solid	8015 NM	
890-7667-4	SS 525 @ 5	Total/NA	Solid	8015 NM	
890-7667-5	SS 535 @ 5	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 102690

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7667-1	SW 86	Soluble	Solid	DI Leach	
890-7667-2	SW 92	Soluble	Solid	DI Leach	
890-7667-3	SS 515 @ 4	Soluble	Solid	DI Leach	
890-7667-4	SS 525 @ 5	Soluble	Solid	DI Leach	
890-7667-5	SS 535 @ 5	Soluble	Solid	DI Leach	
MB 880-102690/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-102690/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-102690/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 102709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7667-1	SW 86	Soluble	Solid	300.0	102690
890-7667-2	SW 92	Soluble	Solid	300.0	102690
890-7667-3	SS 515 @ 4	Soluble	Solid	300.0	102690
890-7667-4	SS 525 @ 5	Soluble	Solid	300.0	102690
890-7667-5	SS 535 @ 5	Soluble	Solid	300.0	102690
MB 880-102690/1-A	Method Blank	Soluble	Solid	300.0	102690
LCS 880-102690/2-A	Lab Control Sample	Soluble	Solid	300.0	102690

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7667-1
SDG: BUCKEYE

HPLC/IC (Continued)

Analysis Batch: 102709 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-102690/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	102690

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7667-1
SDG: BUCKEYE

Client Sample ID: SW 86

Date Collected: 02/12/25 10:12

Date Received: 02/12/25 15:30

Lab Sample ID: 890-7667-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			102673	MNR	EET MID	02/13/25 08:11
Total/NA	Analysis	8021B		1	102677	MNR	EET MID	02/13/25 11:34
Total/NA	Analysis	Total BTEX		1	102726	AJ	EET MID	02/13/25 11:34
Total/NA	Analysis	8015 NM		1	102731	AJ	EET MID	02/13/25 13:39
Total/NA	Prep	8015NM Prep			102714	TKC	EET MID	02/13/25 11:08
Total/NA	Analysis	8015B NM		1	102696	TKC	EET MID	02/13/25 13:39
Soluble	Leach	DI Leach			102690	SA	EET MID	02/13/25 08:10
Soluble	Analysis	300.0		1	102709	CH	EET MID	02/13/25 13:59

Client Sample ID: SW 92

Date Collected: 02/12/25 10:26

Date Received: 02/12/25 15:30

Lab Sample ID: 890-7667-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			102673	MNR	EET MID	02/13/25 08:11
Total/NA	Analysis	8021B		1	102677	MNR	EET MID	02/13/25 11:54
Total/NA	Analysis	Total BTEX		1	102726	AJ	EET MID	02/13/25 11:54
Total/NA	Analysis	8015 NM		1	102731	AJ	EET MID	02/13/25 12:23
Total/NA	Prep	8015NM Prep			102715	TKC	EET MID	02/13/25 11:11
Total/NA	Analysis	8015B NM		1	102698	TKC	EET MID	02/13/25 12:23
Soluble	Leach	DI Leach			102690	SA	EET MID	02/13/25 08:10
Soluble	Analysis	300.0		1	102709	CH	EET MID	02/13/25 14:27

Client Sample ID: SS 515 @ 4

Date Collected: 02/12/25 11:32

Date Received: 02/12/25 15:30

Lab Sample ID: 890-7667-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			102673	MNR	EET MID	02/13/25 08:11
Total/NA	Analysis	8021B		1	102677	MNR	EET MID	02/13/25 12:15
Total/NA	Analysis	Total BTEX		1	102726	AJ	EET MID	02/13/25 12:15
Total/NA	Analysis	8015 NM		1	102731	AJ	EET MID	02/13/25 13:09
Total/NA	Prep	8015NM Prep			102715	TKC	EET MID	02/13/25 11:11
Total/NA	Analysis	8015B NM		1	102698	TKC	EET MID	02/13/25 13:09
Soluble	Leach	DI Leach			102690	SA	EET MID	02/13/25 08:10
Soluble	Analysis	300.0		1	102709	CH	EET MID	02/13/25 14:36

Client Sample ID: SS 525 @ 5

Date Collected: 02/12/25 11:47

Date Received: 02/12/25 15:30

Lab Sample ID: 890-7667-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			102673	MNR	EET MID	02/13/25 08:11
Total/NA	Analysis	8021B		1	102677	MNR	EET MID	02/13/25 12:35
Total/NA	Analysis	Total BTEX		1	102726	AJ	EET MID	02/13/25 12:35

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7667-1
SDG: BUCKEYE

Client Sample ID: SS 525 @ 5
Date Collected: 02/12/25 11:47
Date Received: 02/12/25 15:30

Lab Sample ID: 890-7667-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	102731	AJ	EET MID	02/13/25 13:24
Total/NA	Prep	8015NM Prep			102715	TKC	EET MID	02/13/25 11:11
Total/NA	Analysis	8015B NM		1	102698	TKC	EET MID	02/13/25 13:24
Soluble	Leach	DI Leach			102690	SA	EET MID	02/13/25 08:10
Soluble	Analysis	300.0		1	102709	CH	EET MID	02/13/25 14:45

Client Sample ID: SS 535 @ 5
Date Collected: 02/12/25 12:16
Date Received: 02/12/25 15:30

Lab Sample ID: 890-7667-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			102673	MNR	EET MID	02/13/25 08:11
Total/NA	Analysis	8021B		1	102677	MNR	EET MID	02/13/25 12:56
Total/NA	Analysis	Total BTEX		1	102726	AJ	EET MID	02/13/25 12:56
Total/NA	Analysis	8015 NM		1	102731	AJ	EET MID	02/13/25 13:39
Total/NA	Prep	8015NM Prep			102715	TKC	EET MID	02/13/25 11:11
Total/NA	Analysis	8015B NM		1	102698	TKC	EET MID	02/13/25 13:39
Soluble	Leach	DI Leach			102690	SA	EET MID	02/13/25 08:10
Soluble	Analysis	300.0		1	102709	CH	EET MID	02/13/25 14:54

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7667-1
SDG: BUCKEYE

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7667-1
SDG: BUCKEYE

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7667-1
SDG: BUCKEYE

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7667-1	SW 86	Solid	02/12/25 10:12	02/12/25 15:30	0 - 7
890-7667-2	SW 92	Solid	02/12/25 10:26	02/12/25 15:30	0 - 7
890-7667-3	SS 515 @ 4	Solid	02/12/25 11:32	02/12/25 15:30	4
890-7667-4	SS 525 @ 5	Solid	02/12/25 11:47	02/12/25 15:30	5
890-7667-5	SS 535 @ 5	Solid	02/12/25 12:16	02/12/25 15:30	7

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Environment Testing

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-0660

Work Order No:

Page _____ of _____

Project Manager:	Michael Wicker	Bill to: (if different)	CDH Consulting
Company Name:	Lariv Ditzbas	Company Name:	
Address:		Address:	
City, State ZIP:		City, State ZIP:	
Phone:	604-970-8459	Email:	MWicker@cdhconsult.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

[illegible]

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7667-1

SDG Number: BUCKEYE

Login Number: 7667

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Michael Wicker
CDH Consulting
9446 Clermont St,
Thornton, Colorado 80229
Generated 12/20/2024 3:02:55 PM

JOB DESCRIPTION

CLOSE ENCOUNTER 301 H
BUCKEYE

JOB NUMBER

890-7492-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

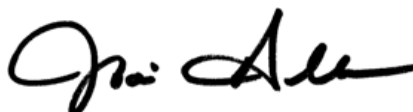
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
12/20/2024 3:02:55 PM

Authorized for release by
Jodi Allen, Project Manager I
Jodi.Allen@et.eurofinsus.com
(281)520-2865

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Laboratory Job ID: 890-7492-1
SDG: BUCKEYE

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Definitions/Glossary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1

Eurofins Carlsbad

Job Narrative
890-7492-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 12/19/2024 3:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 64 (890-7492-3), SS 80 (890-7492-4), SS 262 (890-7492-5), SS 320 (890-7492-6), SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11), SS 495 (890-7492-12), SS 129 (890-7492-13), SS 154 (890-7492-14), SS 504 (890-7492-15), SS 398 (890-7492-16), SS 183 (890-7492-17), SS 200 (890-7492-18), SS 435 (890-7492-19), SS 477 (890-7492-20), SS 176 (890-7492-21), SS 138 (890-7492-22) and SS 420 (890-7492-23).

GC VOA

Method 8021B: The following samples were diluted due to physical characteristics such as color, odor, appearance, viscosity, etc.>>: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 80 (890-7492-4), SS 262 (890-7492-5) and SS 320 (890-7492-6). Elevated reporting limits (RL) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 01 (890-7492-1), SS 20 (890-7492-2) and SS 64 (890-7492-3). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 398 (890-7492-16) and SS 200 (890-7492-18). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SS 176 (890-7492-21). Evidence of matrix interferences is not obvious.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11) and SS 495 (890-7492-12). Elevated reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 46 (890-7492-8), SS 290 (890-7492-10) and SS 495 (890-7492-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: SS 504 (890-7492-15). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-98402/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98402 and analytical batch 880-98425 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within

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Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1 (Continued)

Eurofins Carlsbad

acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SS 262 (890-7492-5). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Due to the high concentration of Diesel Range Organics (Over C10-C28), the matrix spike (MS) for preparation batch 880-98403 and analytical batch 880-98427 could not be evaluated for accuracy. The associated matrix spike duplicate (MSD) met acceptance criteria.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SS 477 (890-7492-20), (LCS 880-98403/2-A) and (LCSD 880-98403/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The method blank for preparation batch 880-98404 and analytical batch 880-98430 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-98404/2-A) and (LCSD 880-98404/3-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-98404 and analytical batch 880-98430 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The laboratory control sample (LCS) for preparation batch 880-98403 and analytical batch 880-98427 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10. Since only an acceptable LCSD is required per the method, the LCSD shows recovery for the batch and the data has been qualified and reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98374 and analytical batch 880-98376 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01

Lab Sample ID: 890-7492-1

Date Collected: 12/19/24 08:20

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0101	U	0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Ethylbenzene	0.0947		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Toluene	0.0306		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Xylenes, Total	1.81		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
m-Xylene & p-Xylene	0.0449		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
o-Xylene	1.77		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:24	12/20/24 11:51	20
1,4-Difluorobenzene (Surr)	124		70 - 130				12/20/24 08:24	12/20/24 11:51	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.94		0.0202		mg/Kg			12/20/24 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	287		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	287		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				12/19/24 21:26	12/20/24 12:09	1
o-Terphenyl	86		70 - 130				12/19/24 21:26	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17600		199		mg/Kg			12/20/24 10:49	20

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Ethylbenzene	0.0420		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Toluene	0.0216		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Xylenes, Total	0.350		0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
m-Xylene & p-Xylene	<0.0401	U	0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
o-Xylene	0.350		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				12/20/24 08:24	12/20/24 14:15	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	136	S1+	70 - 130	12/20/24 08:24	12/20/24 14:15	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.414		0.0401		mg/Kg			12/20/24 14:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	110		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	110		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				12/19/24 21:26	12/20/24 12:23	1
o-Terphenyl	77		70 - 130				12/19/24 21:26	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300	F1	49.9		mg/Kg			12/20/24 10:58	5

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Ethylbenzene	0.242		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Toluene	0.0581		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Xylenes, Total	0.781		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
m-Xylene & p-Xylene	0.189		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
o-Xylene	0.592		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20
1,4-Difluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.08		0.0795		mg/Kg			12/20/24 12:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	631		50.0		mg/Kg			12/20/24 09:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Diesel Range Organics (Over C10-C28)	631	F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 09:40	1
o-Terphenyl	78		70 - 130				12/19/24 21:28	12/20/24 09:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3110		50.2		mg/Kg			12/20/24 11:54	5

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Ethylbenzene	0.0344		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Toluene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Xylenes, Total	0.680		0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
m-Xylene & p-Xylene	<0.0399	U	0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
o-Xylene	0.680		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				12/20/24 08:24	12/20/24 14:36	10
1,4-Difluorobenzene (Surr)	106		70 - 130				12/20/24 08:24	12/20/24 14:36	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.714		0.0399		mg/Kg			12/20/24 14:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	188		50.0		mg/Kg			12/20/24 10:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Diesel Range Organics (Over C10-C28)	188		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				12/19/24 21:28	12/20/24 10:24	1
o-Terphenyl	74		70 - 130				12/19/24 21:28	12/20/24 10:24	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3070		100		mg/Kg			12/20/24 11:30	10

Client Sample ID: SS 262

Lab Sample ID: 890-7492-5

Date Collected: 12/19/24 08:59

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Ethylbenzene	0.966		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Toluene	0.415		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Xylenes, Total	1.51		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
m-Xylene & p-Xylene	0.756		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
o-Xylene	0.754		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				12/20/24 08:24	12/20/24 13:14	50
1,4-Difluorobenzene (Surr)	122		70 - 130				12/20/24 08:24	12/20/24 13:14	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.89		0.202		mg/Kg			12/20/24 13:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	463		50.0		mg/Kg			12/20/24 10:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Diesel Range Organics (Over C10-C28)	463		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				12/19/24 21:28	12/20/24 10:38	1
o-Terphenyl	69	S1-	70 - 130				12/19/24 21:28	12/20/24 10:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4470		99.4		mg/Kg			12/20/24 11:48	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 320

Lab Sample ID: 890-7492-6

Date Collected: 12/19/24 09:04

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0503	U	0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Ethylbenzene	0.537		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Toluene	0.125		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Xylenes, Total	1.20		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
m-Xylene & p-Xylene	0.454		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
o-Xylene	0.746		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				12/20/24 08:24	12/20/24 13:34	25
1,4-Difluorobenzene (Surr)	126		70 - 130				12/20/24 08:24	12/20/24 13:34	25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.86		0.101		mg/Kg			12/20/24 13:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	876		49.7		mg/Kg			12/20/24 10:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Diesel Range Organics (Over C10-C28)	876		49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				12/19/24 21:28	12/20/24 10:53	1
o-Terphenyl	75		70 - 130				12/19/24 21:28	12/20/24 10:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3410		49.8		mg/Kg			12/20/24 11:59	5

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.199	U	0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Ethylbenzene	1.92		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Toluene	0.602		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Xylenes, Total	3.04		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
m-Xylene & p-Xylene	1.78		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
o-Xylene	1.26		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				12/20/24 08:27	12/20/24 12:24	100

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	100		70 - 130	12/20/24 08:27	12/20/24 12:24	100

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	5.56		0.398		mg/Kg			12/20/24 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2500		49.8		mg/Kg			12/20/24 11:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.7		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Diesel Range Organics (Over C10-C28)	2410		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:08	1
o-Terphenyl	95		70 - 130				12/19/24 21:28	12/20/24 11:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3680		49.6		mg/Kg			12/20/24 12:06	5

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.11		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Ethylbenzene	9.28		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Toluene	7.96		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Xylenes, Total	10.9		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
m-Xylene & p-Xylene	6.88		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
o-Xylene	4.05		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130				12/20/24 08:27	12/20/24 12:45	50
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:27	12/20/24 12:45	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	29.3		0.200		mg/Kg			12/20/24 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1330		49.9		mg/Kg			12/20/24 11:25	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	95.0		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Diesel Range Organics (Over C10-C28)	1230		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:25	1
o-Terphenyl	81		70 - 130				12/19/24 21:28	12/20/24 11:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5420		101		mg/Kg			12/20/24 12:11	10

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Ethylbenzene	1.52		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Toluene	0.807		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Xylenes, Total	4.70		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
m-Xylene & p-Xylene	3.88		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
o-Xylene	0.815		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				12/20/24 08:27	12/20/24 13:05	50
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:27	12/20/24 13:05	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	7.02		0.202		mg/Kg			12/20/24 13:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	60.0		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Diesel Range Organics (Over C10-C28)	1450		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:40	1
o-Terphenyl	86		70 - 130				12/19/24 21:28	12/20/24 11:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5250		99.4		mg/Kg			12/20/24 12:17	10

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.151		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Ethylbenzene	3.30		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Toluene	1.75		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Xylenes, Total	4.33		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
m-Xylene & p-Xylene	2.60		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
o-Xylene	1.73		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:27	12/20/24 13:25	50
1,4-Difluorobenzene (Surr)	100		70 - 130				12/20/24 08:27	12/20/24 13:25	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	9.53		0.201		mg/Kg			12/20/24 13:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2470		49.8		mg/Kg			12/20/24 11:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	129		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Diesel Range Organics (Over C10-C28)	2340		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				12/19/24 21:28	12/20/24 11:54	1
o-Terphenyl	105		70 - 130				12/19/24 21:28	12/20/24 11:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5400		99.8		mg/Kg			12/20/24 12:23	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.106		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Ethylbenzene	3.81		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Toluene	1.12		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Xylenes, Total	5.28		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
m-Xylene & p-Xylene	3.48		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
o-Xylene	1.80		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				12/20/24 08:27	12/20/24 13:46	50
1,4-Difluorobenzene (Surr)	99		70 - 130				12/20/24 08:27	12/20/24 13:46	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	10.3		0.200		mg/Kg			12/20/24 13:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3950		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	154		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	3800		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:28	12/20/24 12:09	1
o-Terphenyl	121		70 - 130				12/19/24 21:28	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4280		49.9		mg/Kg			12/20/24 12:29	5

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0994	U	0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Ethylbenzene	5.40		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Toluene	1.34		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Xylenes, Total	7.57		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
m-Xylene & p-Xylene	4.90		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
o-Xylene	2.67		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130				12/20/24 08:27	12/20/24 14:06	50

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	12/20/24 08:27	12/20/24 14:06	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	14.3		0.199		mg/Kg			12/20/24 14:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3070		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	177		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	2890		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:28	12/20/24 12:23	1
o-Terphenyl	108		70 - 130				12/19/24 21:28	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3660		49.6		mg/Kg			12/20/24 08:36	5

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Ethylbenzene	0.0238		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Toluene	0.00837		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Xylenes, Total	0.0306		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
m-Xylene & p-Xylene	0.0204		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
o-Xylene	0.0102		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	12/20/24 08:33	12/20/24 11:49	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/20/24 08:33	12/20/24 11:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0628		0.00404		mg/Kg			12/20/24 11:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	538		49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Diesel Range Organics (Over C10-C28)	538	F1	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 11:11	1
o-Terphenyl	79		70 - 130				12/19/24 21:30	12/20/24 11:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3350		50.0		mg/Kg			12/20/24 08:43	5

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Ethylbenzene	0.0475		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Toluene	0.0124		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Xylenes, Total	0.0632		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
m-Xylene & p-Xylene	0.0373		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
o-Xylene	0.0259		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				12/20/24 08:33	12/20/24 12:10	1
1,4-Difluorobenzene (Surr)	93		70 - 130				12/20/24 08:33	12/20/24 12:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.123		0.00401		mg/Kg			12/20/24 12:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2710		49.8		mg/Kg			12/20/24 12:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Diesel Range Organics (Over C10-C28)	2710		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 12:00	1
o-Terphenyl	120		70 - 130				12/19/24 21:30	12/20/24 12:00	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1710		50.3		mg/Kg			12/20/24 08:50	5

Client Sample ID: SS 504

Lab Sample ID: 890-7492-15

Date Collected: 12/19/24 11:40

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Ethylbenzene	0.563		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Toluene	0.173		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Xylenes, Total	0.464		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
m-Xylene & p-Xylene	0.290		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
o-Xylene	0.174		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				12/20/24 08:33	12/20/24 13:32	10
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:33	12/20/24 13:32	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.20		0.0398		mg/Kg			12/20/24 13:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 12:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Diesel Range Organics (Over C10-C28)	1510		50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				12/19/24 21:30	12/20/24 12:15	1
o-Terphenyl	97		70 - 130				12/19/24 21:30	12/20/24 12:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2990		50.0		mg/Kg			12/20/24 09:12	5

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 398

Lab Sample ID: 890-7492-16

Date Collected: 12/19/24 11:27

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0262		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Ethylbenzene	0.199		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Toluene	0.168		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Xylenes, Total	0.269		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
m-Xylene & p-Xylene	0.158		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
o-Xylene	0.111		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	12/20/24 08:33	12/20/24 12:30	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:33	12/20/24 12:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.662		0.00399		mg/Kg			12/20/24 12:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3130		49.9		mg/Kg			12/20/24 12:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.1	++	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Diesel Range Organics (Over C10-C28)	3040		49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	12/19/24 21:30	12/20/24 12:31	1
o-Terphenyl	120		70 - 130	12/19/24 21:30	12/20/24 12:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2960		50.1		mg/Kg			12/20/24 09:19	5

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Ethylbenzene	0.0487		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Toluene	0.00442		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Xylenes, Total	0.0402		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
m-Xylene & p-Xylene	0.0276		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
o-Xylene	0.0126		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	12/20/24 08:33	12/20/24 12:51	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	75		70 - 130	12/20/24 08:33	12/20/24 12:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0933		0.00404		mg/Kg			12/20/24 12:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	311		49.8		mg/Kg			12/20/24 12:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Diesel Range Organics (Over C10-C28)	311		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				12/19/24 21:30	12/20/24 12:47	1
o-Terphenyl	77		70 - 130				12/19/24 21:30	12/20/24 12:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.8		9.96		mg/Kg			12/20/24 09:26	1

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Ethylbenzene	0.191		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Toluene	0.110		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Xylenes, Total	0.265		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
m-Xylene & p-Xylene	0.156		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
o-Xylene	0.109		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130	12/20/24 08:33	12/20/24 13:11	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 13:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.566		0.00402		mg/Kg			12/20/24 13:11	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2050		49.9		mg/Kg			12/20/24 13:03	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Diesel Range Organics (Over C10-C28)	2050		49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				12/19/24 21:30	12/20/24 13:03	1
o-Terphenyl	106		70 - 130				12/19/24 21:30	12/20/24 13:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	930		10.0		mg/Kg			12/20/24 09:33	1

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Ethylbenzene	0.00665		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Toluene	0.00205		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Xylenes, Total	0.0105		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
m-Xylene & p-Xylene	0.00628		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
o-Xylene	0.00418		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				12/20/24 08:30	12/20/24 12:07	1
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 12:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0192		0.00404		mg/Kg			12/20/24 12:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	601		49.7		mg/Kg			12/20/24 13:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U **	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Diesel Range Organics (Over C10-C28)	601		49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				12/19/24 21:30	12/20/24 13:20	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 13:20	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3030		49.7		mg/Kg			12/20/24 09:40	5

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Xylenes, Total	0.133		0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
o-Xylene	0.133		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				12/20/24 08:30	12/20/24 12:27	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/20/24 08:30	12/20/24 12:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.133		0.00401		mg/Kg			12/20/24 12:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/20/24 13:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 13:36	1
o-Terphenyl	66	S1-	70 - 130				12/19/24 21:30	12/20/24 13:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		10.0		mg/Kg			12/20/24 09:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Ethylbenzene	0.950		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Toluene	0.199		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Xylenes, Total	1.58		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
m-Xylene & p-Xylene	0.943		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
o-Xylene	0.636		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	193	S1+	70 - 130				12/20/24 08:30	12/20/24 13:28	10
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 13:28	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.73		0.0398		mg/Kg			12/20/24 13:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2110		49.8		mg/Kg			12/20/24 13:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Diesel Range Organics (Over C10-C28)	2110		49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:30	12/20/24 13:52	1
o-Terphenyl	112		70 - 130				12/19/24 21:30	12/20/24 13:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	812		9.98		mg/Kg			12/20/24 10:09	1

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Ethylbenzene	0.0120		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Toluene	0.00377		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Xylenes, Total	0.0233		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
m-Xylene & p-Xylene	0.0102		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
o-Xylene	0.0131		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				12/20/24 08:30	12/20/24 12:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130	12/20/24 08:30	12/20/24 12:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0391		0.00399		mg/Kg			12/20/24 12:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	573		49.8		mg/Kg			12/20/24 14:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Diesel Range Organics (Over C10-C28)	573		49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 14:07	1
o-Terphenyl	78		70 - 130				12/19/24 21:30	12/20/24 14:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2650		50.1		mg/Kg			12/20/24 10:16	5

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Xylenes, Total	0.0889		0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
o-Xylene	0.0889		0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	12/20/24 08:30	12/20/24 13:08	1
1,4-Difluorobenzene (Surr)	91		70 - 130	12/20/24 08:30	12/20/24 13:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0889		0.00404		mg/Kg			12/20/24 13:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 420
Date Collected: 12/19/24 12:22
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-23
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	104		70 - 130				12/19/24 21:32	12/20/24 11:11	1	
o-Terphenyl	109		70 - 130				12/19/24 21:32	12/20/24 11:11	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	162		9.94		mg/Kg			12/20/24 10:38	1	

Surrogate Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-7492-1	SS 01	131 S1+	124
890-7492-2	SS 20	128	136 S1+
890-7492-3	SS 64	137 S1+	131 S1+
890-7492-4	SS 80	144 S1+	106
890-7492-5	SS 262	125	122
890-7492-6	SS 320	126	126
890-7492-7	SS 488	106	100
890-7492-8	SS 46	171 S1+	94
890-7492-9	SS 107	107	101
890-7492-10	SS 290	131 S1+	100
890-7492-11	SS 339	122	99
890-7492-12	SS 495	139 S1+	104
890-7492-13	SS 129	109	95
890-7492-14	SS 154	99	93
890-7492-15	SS 504	110	94
890-7492-16	SS 398	141 S1+	96
890-7492-17	SS 183	88	75
890-7492-18	SS 200	159 S1+	93
890-7492-19	SS 435	113	104
890-7492-20	SS 477	98	95
890-7492-21	SS 176	193 S1+	104
890-7492-22	SS 138	115	103
890-7492-23	SS 420	95	91
LCS 880-98432/1-A	Lab Control Sample	101	96
LCS 880-98433/1-A	Lab Control Sample	96	103
LCS 880-98434/1-A	Lab Control Sample	107	104
LCS 880-98435/1-A	Lab Control Sample	106	99
LCSD 880-98432/2-A	Lab Control Sample Dup	103	99
LCSD 880-98433/2-A	Lab Control Sample Dup	94	103
LCSD 880-98434/2-A	Lab Control Sample Dup	109	103
LCSD 880-98435/2-A	Lab Control Sample Dup	108	98
MB 880-98432/5-A	Method Blank	112	85
MB 880-98433/5-A	Method Blank	98	96
MB 880-98434/5-A	Method Blank	111	101
MB 880-98435/5-A	Method Blank	92	93
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-1	SS 01	83	86
890-7492-2	SS 20	76	77
890-7492-3	SS 64	75	78
890-7492-3 MS	SS 64	78	76

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Surrogate Summary

Client: CDH Consulting

Job ID: 890-7492-1

Project/Site: CLOSE ENCOUNTER 301 H

SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-3 MSD	SS 64	77	76
890-7492-4	SS 80	73	74
890-7492-5	SS 262	70	69 S1-
890-7492-6	SS 320	74	75
890-7492-7	SS 488	75	95
890-7492-8	SS 46	75	81
890-7492-9	SS 107	75	86
890-7492-10	SS 290	85	105
890-7492-11	SS 339	84	121
890-7492-12	SS 495	88	108
890-7492-13	SS 129	84	79
890-7492-13 MS	SS 129	80	81
890-7492-13 MSD	SS 129	79	81
890-7492-14	SS 154	84	120
890-7492-15	SS 504	92	97
890-7492-16	SS 398	85	120
890-7492-17	SS 183	87	77
890-7492-18	SS 200	82	106
890-7492-19	SS 435	77	74
890-7492-20	SS 477	81	66 S1-
890-7492-21	SS 176	88	112
890-7492-22	SS 138	81	78
890-7492-23	SS 420	104	109
890-7492-23 MS	SS 420	92	99
890-7492-23 MSD	SS 420	92	99
LCS 880-98401/2-A	Lab Control Sample	118	102
LCS 880-98402/2-A	Lab Control Sample	121	104
LCS 880-98403/2-A	Lab Control Sample	136 S1+	123
LCS 880-98404/2-A	Lab Control Sample	158 S1+	172 S1+
LCSD 880-98401/3-A	Lab Control Sample Dup	110	95
LCSD 880-98402/3-A	Lab Control Sample Dup	145 S1+	123
LCSD 880-98403/3-A	Lab Control Sample Dup	133 S1+	120
LCSD 880-98404/3-A	Lab Control Sample Dup	166 S1+	175 S1+
MB 880-98401/1-A	Method Blank	81	80
MB 880-98402/1-A	Method Blank	75	75
MB 880-98403/1-A	Method Blank	91	74
MB 880-98404/1-A	Method Blank	93	96
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-98432/5-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	12/20/24 08:24	12/20/24 11:08	1
1,4-Difluorobenzene (Surr)	85		70 - 130	12/20/24 08:24	12/20/24 11:08	1

Lab Sample ID: LCS 880-98432/1-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1137		mg/Kg		114	70 - 130
Ethylbenzene	0.100	0.1107		mg/Kg		111	70 - 130
Toluene	0.100	0.1082		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2221		mg/Kg		111	70 - 130
o-Xylene	0.100	0.1128		mg/Kg		113	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-98432/2-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1182		mg/Kg		118	70 - 130	4	35
Ethylbenzene	0.100	0.1145		mg/Kg		114	70 - 130	3	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2282		mg/Kg		114	70 - 130	3	35
o-Xylene	0.100	0.1165		mg/Kg		117	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	12/20/24 08:27	12/20/24 11:02	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:27	12/20/24 11:02	1

Lab Sample ID: LCS 880-98433/1-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1001		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09410		mg/Kg		94	70 - 130
Toluene	0.100	0.09371		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1885		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09536		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-98433/2-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1048		mg/Kg		105	70 - 130	5	35
Ethylbenzene	0.100	0.09886		mg/Kg		99	70 - 130	5	35
Toluene	0.100	0.09817		mg/Kg		98	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1969		mg/Kg		98	70 - 130	4	35
o-Xylene	0.100	0.09974		mg/Kg		100	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	111		70 - 130				12/20/24 08:30	12/20/24 11:25	1
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:30	12/20/24 11:25	1

Lab Sample ID: LCS 880-98434/1-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits		
		Result	Qualifier						
Benzene	0.100	0.1149		mg/Kg		115	70 - 130		
Ethylbenzene	0.100	0.1100		mg/Kg		110	70 - 130		
Toluene	0.100	0.1116		mg/Kg		112	70 - 130		
m-Xylene & p-Xylene	0.200	0.2234		mg/Kg		112	70 - 130		
o-Xylene	0.100	0.1142		mg/Kg		114	70 - 130		
Surrogate	LCS	LCS	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	107		70 - 130						
1,4-Difluorobenzene (Surr)	104		70 - 130						

Lab Sample ID: LCSD 880-98434/2-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.1162		mg/Kg		116	70 - 130	1	35
Ethylbenzene	0.100	0.1102		mg/Kg		110	70 - 130	0	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2247		mg/Kg		112	70 - 130	1	35
o-Xylene	0.100	0.1148		mg/Kg		115	70 - 130	1	35
Surrogate	LCSD	LCSD	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	109		70 - 130						
1,4-Difluorobenzene (Surr)	103		70 - 130						

Lab Sample ID: MB 880-98435/5-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98435

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	12/20/24 08:33	12/20/24 11:07	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 11:07	1

Lab Sample ID: LCS 880-98435/1-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1025		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.1037		mg/Kg		104	70 - 130
Toluene	0.100	0.1077		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2015		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1117		mg/Kg		112	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-98435/2-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1068		mg/Kg		107	70 - 130	4	35
Ethylbenzene	0.100	0.1065		mg/Kg		107	70 - 130	3	35
Toluene	0.100	0.1103		mg/Kg		110	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2041		mg/Kg		102	70 - 130	1	35
o-Xylene	0.100	0.1136		mg/Kg		114	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-98401/1-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98401

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130	12/19/24 21:26	12/20/24 00:11	1
o-Terphenyl	80		70 - 130	12/19/24 21:26	12/20/24 00:11	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98401/2-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98401

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1058		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	960.9		mg/Kg		96	70 - 130
Surrogate							
		LCS %Recovery	LCS Qualifier				Limits
1-Chlorooctane		118					70 - 130
o-Terphenyl		102					70 - 130

Lab Sample ID: LCSD 880-98401/3-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98401

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1005		mg/Kg		101	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	903.5		mg/Kg		90	70 - 130	6	20
Surrogate									
		LCSD %Recovery	LCSD Qualifier						
1-Chlorooctane		110							
o-Terphenyl		95							

Lab Sample ID: MB 880-98402/1-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 98402

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Surrogate									
		MB %Recovery	MB Qualifier						
1-Chlorooctane		75					12/19/24 21:28	12/20/24 00:11	1
o-Terphenyl		75					12/19/24 21:28	12/20/24 00:11	1

Lab Sample ID: LCS 880-98402/2-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1061		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1028		mg/Kg		103	70 - 130

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98402/2-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98402

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: LCSD 880-98402/3-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98402

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1288		mg/Kg		129	70 - 130	19	20
Diesel Range Organics (Over C10-C28)			1000	1231		mg/Kg		123	70 - 130	18	20
Surrogate	LCSD	LCSD									
	%Recovery	Qualifier									
1-Chlorooctane	145	S1+									
o-Terphenyl	123										

Lab Sample ID: 890-7492-3 MS
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: SS 64
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	665.3	F1	mg/Kg		67	70 - 130		
Diesel Range Organics (Over C10-C28)	631	F1	998	1155	F1	mg/Kg		53	70 - 130		
Surrogate	MS	MS									
	%Recovery	Qualifier									
1-Chlorooctane	78										
o-Terphenyl	76										

Lab Sample ID: 890-7492-3 MSD
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: SS 64
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	660.4	F1	mg/Kg		66	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	631	F1	998	1141	F1	mg/Kg		51	70 - 130	1	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier									
1-Chlorooctane	77										
o-Terphenyl	76										

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-98403/1-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98403

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				12/19/24 21:30	12/20/24 09:12	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 09:12	1

Lab Sample ID: LCS 880-98403/2-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1333	*+	mg/Kg		133	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1178		mg/Kg		118	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	136	S1+	70 - 130				
o-Terphenyl	123		70 - 130				

Lab Sample ID: LCSD 880-98403/3-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1180		mg/Kg		118	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	1000	1166		mg/Kg		117	70 - 130	1	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	133	S1+	70 - 130						
o-Terphenyl	120		70 - 130						

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	997	729.6		mg/Kg		73	70 - 130
Diesel Range Organics (Over C10-C28)	538	F1	997	1207	F1	mg/Kg		67	70 - 130

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	80		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: 890-7492-13 MSD

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	997	855.4		mg/Kg		86	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	538	F1	997	1282		mg/Kg		75	70 - 130	6	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	79		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: MB 880-98404/1-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98404

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	93		70 - 130	12/19/24 21:32	12/20/24 09:12	1			
o-Terphenyl	96		70 - 130	12/19/24 21:32	12/20/24 09:12	1			

Lab Sample ID: LCS 880-98404/2-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1398	*+	mg/Kg		140	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1468	*+	mg/Kg		147	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	158	S1+	70 - 130
o-Terphenyl	172	S1+	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-98404/3-A
Matrix: Solid
Analysis Batch: 98430

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98404

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1465	*+	mg/Kg		147	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	1590	*+	mg/Kg		159	70 - 130	8	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	166	S1+	70 - 130						
o-Terphenyl	175	S1+	70 - 130						

Lab Sample ID: 890-7492-23 MS
Matrix: Solid
Analysis Batch: 98430

Client Sample ID: SS 420
Prep Type: Total/NA
Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	781.1		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	867.3		mg/Kg		84	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Lab Sample ID: 890-7492-23 MSD
Matrix: Solid
Analysis Batch: 98430

Client Sample ID: SS 420
Prep Type: Total/NA
Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	804.1		mg/Kg		80	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	863.1		mg/Kg		84	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-98374/1-A
Matrix: Solid
Analysis Batch: 98376

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 08:34	1

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-98374/2-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.6		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-98374/3-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	245.0		mg/Kg		98	90 - 110	2	20

Lab Sample ID: 890-7492-2 MS

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1300	F1	1250	3073	F1	mg/Kg		142	90 - 110

Lab Sample ID: 890-7492-2 MSD

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1300	F1	1250	3070	F1	mg/Kg		142	90 - 110	0	20

Lab Sample ID: MB 880-98373/1-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 03:00	1

Lab Sample ID: LCS 880-98373/2-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	258.6		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-98373/3-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	257.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-7492-20 MS

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: SS 477

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	126		257	387.5		mg/Kg		102	90 - 110

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-7492-20 MSD							Client Sample ID: SS 477					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 98377												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	126		248	372.8		mg/Kg		100	90 - 110	4	20	

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA

Analysis Batch: 98350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-2	SS 20	Total/NA	Solid	8021B	98432
890-7492-3	SS 64	Total/NA	Solid	8021B	98432
890-7492-4	SS 80	Total/NA	Solid	8021B	98432
890-7492-5	SS 262	Total/NA	Solid	8021B	98432
890-7492-6	SS 320	Total/NA	Solid	8021B	98432
MB 880-98432/5-A	Method Blank	Total/NA	Solid	8021B	98432
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	8021B	98432
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98432

Analysis Batch: 98351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	8021B	98433
890-7492-8	SS 46	Total/NA	Solid	8021B	98433
890-7492-9	SS 107	Total/NA	Solid	8021B	98433
890-7492-10	SS 290	Total/NA	Solid	8021B	98433
890-7492-11	SS 339	Total/NA	Solid	8021B	98433
890-7492-12	SS 495	Total/NA	Solid	8021B	98433
MB 880-98433/5-A	Method Blank	Total/NA	Solid	8021B	98433
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	8021B	98433
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98433

Analysis Batch: 98352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	8021B	98434
890-7492-20	SS 477	Total/NA	Solid	8021B	98434
890-7492-21	SS 176	Total/NA	Solid	8021B	98434
890-7492-22	SS 138	Total/NA	Solid	8021B	98434
890-7492-23	SS 420	Total/NA	Solid	8021B	98434
MB 880-98434/5-A	Method Blank	Total/NA	Solid	8021B	98434
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	8021B	98434
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98434

Analysis Batch: 98353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8021B	98435
890-7492-14	SS 154	Total/NA	Solid	8021B	98435
890-7492-15	SS 504	Total/NA	Solid	8021B	98435
890-7492-16	SS 398	Total/NA	Solid	8021B	98435
890-7492-17	SS 183	Total/NA	Solid	8021B	98435
890-7492-18	SS 200	Total/NA	Solid	8021B	98435
MB 880-98435/5-A	Method Blank	Total/NA	Solid	8021B	98435
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	8021B	98435
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98435

Prep Batch: 98432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	5035	
890-7492-2	SS 20	Total/NA	Solid	5035	
890-7492-3	SS 64	Total/NA	Solid	5035	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Prep Batch: 98432 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-4	SS 80	Total/NA	Solid	5035	
890-7492-5	SS 262	Total/NA	Solid	5035	
890-7492-6	SS 320	Total/NA	Solid	5035	
MB 880-98432/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	5035	
890-7492-8	SS 46	Total/NA	Solid	5035	
890-7492-9	SS 107	Total/NA	Solid	5035	
890-7492-10	SS 290	Total/NA	Solid	5035	
890-7492-11	SS 339	Total/NA	Solid	5035	
890-7492-12	SS 495	Total/NA	Solid	5035	
MB 880-98433/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	5035	
890-7492-20	SS 477	Total/NA	Solid	5035	
890-7492-21	SS 176	Total/NA	Solid	5035	
890-7492-22	SS 138	Total/NA	Solid	5035	
890-7492-23	SS 420	Total/NA	Solid	5035	
MB 880-98434/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	5035	
890-7492-14	SS 154	Total/NA	Solid	5035	
890-7492-15	SS 504	Total/NA	Solid	5035	
890-7492-16	SS 398	Total/NA	Solid	5035	
890-7492-17	SS 183	Total/NA	Solid	5035	
890-7492-18	SS 200	Total/NA	Solid	5035	
MB 880-98435/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 98498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	Total BTEX	
890-7492-2	SS 20	Total/NA	Solid	Total BTEX	
890-7492-3	SS 64	Total/NA	Solid	Total BTEX	
890-7492-4	SS 80	Total/NA	Solid	Total BTEX	
890-7492-5	SS 262	Total/NA	Solid	Total BTEX	
890-7492-6	SS 320	Total/NA	Solid	Total BTEX	
890-7492-7	SS 488	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Analysis Batch: 98498 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-8	SS 46	Total/NA	Solid	Total BTEX	
890-7492-9	SS 107	Total/NA	Solid	Total BTEX	
890-7492-10	SS 290	Total/NA	Solid	Total BTEX	
890-7492-11	SS 339	Total/NA	Solid	Total BTEX	
890-7492-12	SS 495	Total/NA	Solid	Total BTEX	
890-7492-13	SS 129	Total/NA	Solid	Total BTEX	
890-7492-14	SS 154	Total/NA	Solid	Total BTEX	
890-7492-15	SS 504	Total/NA	Solid	Total BTEX	
890-7492-16	SS 398	Total/NA	Solid	Total BTEX	
890-7492-17	SS 183	Total/NA	Solid	Total BTEX	
890-7492-18	SS 200	Total/NA	Solid	Total BTEX	
890-7492-19	SS 435	Total/NA	Solid	Total BTEX	
890-7492-20	SS 477	Total/NA	Solid	Total BTEX	
890-7492-21	SS 176	Total/NA	Solid	Total BTEX	
890-7492-22	SS 138	Total/NA	Solid	Total BTEX	
890-7492-23	SS 420	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 98401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015NM Prep	
890-7492-2	SS 20	Total/NA	Solid	8015NM Prep	
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 98402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-4	SS 80	Total/NA	Solid	8015NM Prep	
890-7492-5	SS 262	Total/NA	Solid	8015NM Prep	
890-7492-6	SS 320	Total/NA	Solid	8015NM Prep	
890-7492-7	SS 488	Total/NA	Solid	8015NM Prep	
890-7492-8	SS 46	Total/NA	Solid	8015NM Prep	
890-7492-9	SS 107	Total/NA	Solid	8015NM Prep	
890-7492-10	SS 290	Total/NA	Solid	8015NM Prep	
890-7492-11	SS 339	Total/NA	Solid	8015NM Prep	
890-7492-12	SS 495	Total/NA	Solid	8015NM Prep	
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-3 MS	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-3 MSD	SS 64	Total/NA	Solid	8015NM Prep	

Prep Batch: 98403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-14	SS 154	Total/NA	Solid	8015NM Prep	
890-7492-15	SS 504	Total/NA	Solid	8015NM Prep	
890-7492-16	SS 398	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Prep Batch: 98403 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-17	SS 183	Total/NA	Solid	8015NM Prep	
890-7492-18	SS 200	Total/NA	Solid	8015NM Prep	
890-7492-19	SS 435	Total/NA	Solid	8015NM Prep	
890-7492-20	SS 477	Total/NA	Solid	8015NM Prep	
890-7492-21	SS 176	Total/NA	Solid	8015NM Prep	
890-7492-22	SS 138	Total/NA	Solid	8015NM Prep	
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-13 MS	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-13 MSD	SS 129	Total/NA	Solid	8015NM Prep	

Prep Batch: 98404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015NM Prep	
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-23 MS	SS 420	Total/NA	Solid	8015NM Prep	
890-7492-23 MSD	SS 420	Total/NA	Solid	8015NM Prep	

Analysis Batch: 98423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015B NM	98401
890-7492-2	SS 20	Total/NA	Solid	8015B NM	98401
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015B NM	98401
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98401
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98401

Analysis Batch: 98425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-4	SS 80	Total/NA	Solid	8015B NM	98402
890-7492-5	SS 262	Total/NA	Solid	8015B NM	98402
890-7492-6	SS 320	Total/NA	Solid	8015B NM	98402
890-7492-7	SS 488	Total/NA	Solid	8015B NM	98402
890-7492-8	SS 46	Total/NA	Solid	8015B NM	98402
890-7492-9	SS 107	Total/NA	Solid	8015B NM	98402
890-7492-10	SS 290	Total/NA	Solid	8015B NM	98402
890-7492-11	SS 339	Total/NA	Solid	8015B NM	98402
890-7492-12	SS 495	Total/NA	Solid	8015B NM	98402
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015B NM	98402
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98402
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98402
890-7492-3 MS	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-3 MSD	SS 64	Total/NA	Solid	8015B NM	98402

Analysis Batch: 98427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-14	SS 154	Total/NA	Solid	8015B NM	98403

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Analysis Batch: 98427 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-15	SS 504	Total/NA	Solid	8015B NM	98403
890-7492-16	SS 398	Total/NA	Solid	8015B NM	98403
890-7492-17	SS 183	Total/NA	Solid	8015B NM	98403
890-7492-18	SS 200	Total/NA	Solid	8015B NM	98403
890-7492-19	SS 435	Total/NA	Solid	8015B NM	98403
890-7492-20	SS 477	Total/NA	Solid	8015B NM	98403
890-7492-21	SS 176	Total/NA	Solid	8015B NM	98403
890-7492-22	SS 138	Total/NA	Solid	8015B NM	98403
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015B NM	98403
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98403
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98403
890-7492-13 MS	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-13 MSD	SS 129	Total/NA	Solid	8015B NM	98403

Analysis Batch: 98430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015B NM	98404
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015B NM	98404
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98404
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98404
890-7492-23 MS	SS 420	Total/NA	Solid	8015B NM	98404
890-7492-23 MSD	SS 420	Total/NA	Solid	8015B NM	98404

Analysis Batch: 98523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015 NM	
890-7492-2	SS 20	Total/NA	Solid	8015 NM	
890-7492-3	SS 64	Total/NA	Solid	8015 NM	
890-7492-4	SS 80	Total/NA	Solid	8015 NM	
890-7492-5	SS 262	Total/NA	Solid	8015 NM	
890-7492-6	SS 320	Total/NA	Solid	8015 NM	
890-7492-7	SS 488	Total/NA	Solid	8015 NM	
890-7492-8	SS 46	Total/NA	Solid	8015 NM	
890-7492-9	SS 107	Total/NA	Solid	8015 NM	
890-7492-10	SS 290	Total/NA	Solid	8015 NM	
890-7492-11	SS 339	Total/NA	Solid	8015 NM	
890-7492-12	SS 495	Total/NA	Solid	8015 NM	
890-7492-13	SS 129	Total/NA	Solid	8015 NM	
890-7492-14	SS 154	Total/NA	Solid	8015 NM	
890-7492-15	SS 504	Total/NA	Solid	8015 NM	
890-7492-16	SS 398	Total/NA	Solid	8015 NM	
890-7492-17	SS 183	Total/NA	Solid	8015 NM	
890-7492-18	SS 200	Total/NA	Solid	8015 NM	
890-7492-19	SS 435	Total/NA	Solid	8015 NM	
890-7492-20	SS 477	Total/NA	Solid	8015 NM	
890-7492-21	SS 176	Total/NA	Solid	8015 NM	
890-7492-22	SS 138	Total/NA	Solid	8015 NM	
890-7492-23	SS 420	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC

Leach Batch: 98373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	DI Leach	
890-7492-13	SS 129	Soluble	Solid	DI Leach	
890-7492-14	SS 154	Soluble	Solid	DI Leach	
890-7492-15	SS 504	Soluble	Solid	DI Leach	
890-7492-16	SS 398	Soluble	Solid	DI Leach	
890-7492-17	SS 183	Soluble	Solid	DI Leach	
890-7492-18	SS 200	Soluble	Solid	DI Leach	
890-7492-19	SS 435	Soluble	Solid	DI Leach	
890-7492-20	SS 477	Soluble	Solid	DI Leach	
890-7492-21	SS 176	Soluble	Solid	DI Leach	
890-7492-22	SS 138	Soluble	Solid	DI Leach	
890-7492-23	SS 420	Soluble	Solid	DI Leach	
MB 880-98373/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-20 MS	SS 477	Soluble	Solid	DI Leach	
890-7492-20 MSD	SS 477	Soluble	Solid	DI Leach	

Leach Batch: 98374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	DI Leach	
890-7492-2	SS 20	Soluble	Solid	DI Leach	
890-7492-3	SS 64	Soluble	Solid	DI Leach	
890-7492-4	SS 80	Soluble	Solid	DI Leach	
890-7492-5	SS 262	Soluble	Solid	DI Leach	
890-7492-6	SS 320	Soluble	Solid	DI Leach	
890-7492-7	SS 488	Soluble	Solid	DI Leach	
890-7492-8	SS 46	Soluble	Solid	DI Leach	
890-7492-9	SS 107	Soluble	Solid	DI Leach	
890-7492-10	SS 290	Soluble	Solid	DI Leach	
890-7492-11	SS 339	Soluble	Solid	DI Leach	
MB 880-98374/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-2 MS	SS 20	Soluble	Solid	DI Leach	
890-7492-2 MSD	SS 20	Soluble	Solid	DI Leach	

Analysis Batch: 98376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	300.0	98374
890-7492-2	SS 20	Soluble	Solid	300.0	98374
890-7492-3	SS 64	Soluble	Solid	300.0	98374
890-7492-4	SS 80	Soluble	Solid	300.0	98374
890-7492-5	SS 262	Soluble	Solid	300.0	98374
890-7492-6	SS 320	Soluble	Solid	300.0	98374
890-7492-7	SS 488	Soluble	Solid	300.0	98374
890-7492-8	SS 46	Soluble	Solid	300.0	98374
890-7492-9	SS 107	Soluble	Solid	300.0	98374
890-7492-10	SS 290	Soluble	Solid	300.0	98374
890-7492-11	SS 339	Soluble	Solid	300.0	98374
MB 880-98374/1-A	Method Blank	Soluble	Solid	300.0	98374

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC (Continued)

Analysis Batch: 98376 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	300.0	98374
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98374
890-7492-2 MS	SS 20	Soluble	Solid	300.0	98374
890-7492-2 MSD	SS 20	Soluble	Solid	300.0	98374

Analysis Batch: 98377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	300.0	98373
890-7492-13	SS 129	Soluble	Solid	300.0	98373
890-7492-14	SS 154	Soluble	Solid	300.0	98373
890-7492-15	SS 504	Soluble	Solid	300.0	98373
890-7492-16	SS 398	Soluble	Solid	300.0	98373
890-7492-17	SS 183	Soluble	Solid	300.0	98373
890-7492-18	SS 200	Soluble	Solid	300.0	98373
890-7492-19	SS 435	Soluble	Solid	300.0	98373
890-7492-20	SS 477	Soluble	Solid	300.0	98373
890-7492-21	SS 176	Soluble	Solid	300.0	98373
890-7492-22	SS 138	Soluble	Solid	300.0	98373
890-7492-23	SS 420	Soluble	Solid	300.0	98373
MB 880-98373/1-A	Method Blank	Soluble	Solid	300.0	98373
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	300.0	98373
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98373
890-7492-20 MS	SS 477	Soluble	Solid	300.0	98373
890-7492-20 MSD	SS 477	Soluble	Solid	300.0	98373

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01
Date Collected: 12/19/24 08:20
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 11:51
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		5	98350	MNR	EET MID	12/20/24 13:55
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:55
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		20	98376	CH	EET MID	12/20/24 10:49

Client Sample ID: SS 20
Date Collected: 12/19/24 08:36
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:15
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:15
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 10:58

Client Sample ID: SS 64
Date Collected: 12/19/24 08:47
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 12:33
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:33
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 09:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 09:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:54

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80
Date Collected: 12/19/24 08:53
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:36
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:36
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:24
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:24
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:30

Client Sample ID: SS 262
Date Collected: 12/19/24 08:59
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		50	98350	MNR	EET MID	12/20/24 13:14
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:14
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:38
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:38
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:48

Client Sample ID: SS 320
Date Collected: 12/19/24 09:04
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		25	98350	MNR	EET MID	12/20/24 13:34
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:34
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:53
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:53
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:59

Client Sample ID: SS 488
Date Collected: 12/19/24 09:12
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		100	98351	MNR	EET MID	12/20/24 12:24
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:24

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488**Lab Sample ID: 890-7492-7****Date Collected: 12/19/24 09:12****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:08
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:08
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:06

Client Sample ID: SS 46**Lab Sample ID: 890-7492-8****Date Collected: 12/19/24 10:15****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 12:45
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:45
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:25
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:25
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:11

Client Sample ID: SS 107**Lab Sample ID: 890-7492-9****Date Collected: 12/19/24 10:22****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:05
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:05
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:17

Client Sample ID: SS 290**Lab Sample ID: 890-7492-10****Date Collected: 12/19/24 10:30****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:25
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:25
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:54
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:54

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 290
Date Collected: 12/19/24 10:30
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:23

Client Sample ID: SS 339
Date Collected: 12/19/24 10:37
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:46
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:46
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:29

Client Sample ID: SS 495
Date Collected: 12/19/24 10:44
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 14:06
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:06
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:36

Client Sample ID: SS 129
Date Collected: 12/19/24 11:07
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 11:49
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 11:49
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:43

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Date Collected: 12/19/24 11:19

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:10
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:10
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:00
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:00
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:50

Client Sample ID: SS 504

Date Collected: 12/19/24 11:40

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		10	98353	MNR	EET MID	12/20/24 13:32
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:32
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:15
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:15
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:12

Client Sample ID: SS 398

Date Collected: 12/19/24 11:27

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:30
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:30
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:31
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:31
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:19

Client Sample ID: SS 183

Date Collected: 12/19/24 11:44

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:51
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:51

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:47
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:47
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:26

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 13:11
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:11
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:03
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:03
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:33

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:07
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:07
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:20
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:20
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:40

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:27
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:27
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:36
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:36

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:48

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		10	98352	MNR	EET MID	12/20/24 13:28
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:28
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:52
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:52
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:09

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:48
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:48
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 14:07
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 14:07
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 10:16

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 13:08
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:08
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98404	EL	EET MID	12/19/24 21:32
Total/NA	Analysis	8015B NM		1	98430	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:38

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7492-1	SS 01	Solid	12/19/24 08:20	12/19/24 15:45	- SURFACE
890-7492-2	SS 20	Solid	12/19/24 08:36	12/19/24 15:45	- SURFACE
890-7492-3	SS 64	Solid	12/19/24 08:47	12/19/24 15:45	- SURFACE
890-7492-4	SS 80	Solid	12/19/24 08:53	12/19/24 15:45	- SURFACE
890-7492-5	SS 262	Solid	12/19/24 08:59	12/19/24 15:45	- SURFACE
890-7492-6	SS 320	Solid	12/19/24 09:04	12/19/24 15:45	- SURFACE
890-7492-7	SS 488	Solid	12/19/24 09:12	12/19/24 15:45	- SURFACE
890-7492-8	SS 46	Solid	12/19/24 10:15	12/19/24 15:45	- SURFACE
890-7492-9	SS 107	Solid	12/19/24 10:22	12/19/24 15:45	- SURFACE
890-7492-10	SS 290	Solid	12/19/24 10:30	12/19/24 15:45	- SURFACE
890-7492-11	SS 339	Solid	12/19/24 10:37	12/19/24 15:45	- SURFACE
890-7492-12	SS 495	Solid	12/19/24 10:44	12/19/24 15:45	- SURFACE
890-7492-13	SS 129	Solid	12/19/24 11:07	12/19/24 15:45	- SURFACE
890-7492-14	SS 154	Solid	12/19/24 11:19	12/19/24 15:45	- SURFACE
890-7492-15	SS 504	Solid	12/19/24 11:40	12/19/24 15:45	- SURFACE
890-7492-16	SS 398	Solid	12/19/24 11:27	12/19/24 15:45	- SURFACE
890-7492-17	SS 183	Solid	12/19/24 11:44	12/19/24 15:45	- SURFACE
890-7492-18	SS 200	Solid	12/19/24 11:49	12/19/24 15:45	- SURFACE
890-7492-19	SS 435	Solid	12/19/24 11:53	12/19/24 15:45	- SURFACE
890-7492-20	SS 477	Solid	12/19/24 12:02	12/19/24 15:45	- SURFACE
890-7492-21	SS 176	Solid	12/19/24 12:07	12/19/24 15:45	- SURFACE
890-7492-22	SS 138	Solid	12/19/24 12:17	12/19/24 15:45	- SURFACE
890-7492-23	SS 420	Solid	12/19/24 12:22	12/19/24 15:45	- SURFACE



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
 Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
 EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
 Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 1 of 3

Project Manager: <u>Michael Wicker</u>		Bill to: (if different)		<u>CDH Consulting</u>	
Company Name: <u>Cotto</u>		Company Name:			
Address:		Address:			
City, State ZIP:		City, State ZIP:			
Phone: <u>1616-970-8459</u>		Email: <u>mwicker@cdhconsult.com</u>			

Project Name: <u>Close Encounter 30114</u>	Turn Around	Pres. Code
Project Number:	☐ Routine ☒ Rush	
Project Location: <u>Buckeye, NM</u>	Due Date: <u>12-20-2024</u>	
Sampler's Name: <u>Dakotah Cueto</u>	TAT starts the day received by the lab, if received by 4:30pm	
PO #:		

SAMPLE RECEIPT		Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐
Samples Received Intact:		Yes ☒ No ☐	Thermometer ID:	<u>Tuner</u>	
Cooler Custody Seals:		Yes ☒ No ☐	Correction Factor:	<u>-0.2</u>	
Sample Custody Seals:		Yes ☒ No ☐	Temperature Reading:	<u>5.8</u>	
Total Containers:		Corrected Temperature: <u>5.0</u>			

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters	Pres. Code	ANALYSIS REQUEST	Preservative Codes	Sample Comments
SS01	S	12-19-24	08:20	Surf	C	1				None: NO	DI Water: H ₂ O
SS20	S		08:36		C	1				Cool: Cool	MeOH: Me
SS64	S		08:47		C	1				HCL: HC	HNO ₃
SS80	S		08:53		C	1				H ₂ SO ₄ : H ₂	NaOH: Na
SS262	S		08:59		C	1				H ₃ PO ₄ : HP	
SS320	S		09:04		C	1				NaHSO ₄ : NABIS	
SS488	S		09:12		C	1				Na ₂ S ₂ O ₃ : NaSO ₃	
SS46	S		10:15		C	1				Zn Acetate+NaOH: Zn	
SS107	S		10:22		C	1				NaOH+Ascorbic Acid: SAPC	
SS290	S		10:30		C	1					

Total 200.7 / 6010 200.8 / 6020:		8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn	
Circle Method(s) and Metal(s) to be analyzed		TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471	

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>Dakotah Cueto</u>	<u>[Signature]</u>	<u>12/19 1545</u>			
3		4			
5		6			

Revised Date: 06/25/2020 Rev. 2020.2



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
 Midland, TX (432) 704-5440, San Antonio, TX (210) 505-3334
 EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
 Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 2 of 3

Project Manager: Michael Wicker		Bill to: (if different)		Work Order Comments	
Company Name: COTO		Company Name:		Program: ☐ UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
Address:		Address:		State of Project:	
City, State ZIP:		City, State ZIP:		Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Phone:		Email: mwicker@cdhconsult.com		Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:	Project Number:	Project Location:	Sampler's Name:	PO #:	Turn Around				Pres. Code	ANALYSIS REQUEST												Preservative Codes
					Temp Blank:	Yes	No	Wet Ice:		Yes	No											
Close Encounters 3014					☐ Routine	☒ Rush	Due Date: 12-20-2024	TAT starts the day received by the lab, if received by 4:30pm														None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
Buckeye, NM																						
Dakotah Cresto																						

SAMPLE RECEIPT		Temp Blank:		Yes		No		Wet Ice:		Yes		No		Parameters		# of Cont
Samples Received Intact:	Yes	No	Thermometer ID:	Yes	No	Correction Factor:	Yes	No	Temperature Reading:	Corrected Temperature:	Grab/Comp	Depth	Time Sampled	Date Sampled	Matrix	
SS339																
SS495																
SS129																
SS154																
SS504																
SS398																
SS183																
SS200																
SS435																
SS477																

Total 200.7 / 6010		200.8 / 6020:		8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn	
Circle Method(s) and Meta(s) to be analyzed		TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U		Hg: 1631 / 245.1 / 7470 / 7471	

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. Dakotah Cresto					
3					
5					

Revised Date: 08/25/2020 Rev. 2020.2



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 3 of 3

Project Manager: Michael Wicker		Bill to: (if different)		C24 Consulting	
Company Name: C24		Company Name:		Program: ☐ UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
Address:		Address:		State of Project:	
City, State ZIP:		City, State ZIP:		Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Phone: 616-970-8469		Email: mwicker@c24consult.com		Deliverables: EDD ☐ ADaPT ☐ Other:	
Project Name: Close Encounter 301H		Turn Around		ANALYSIS REQUEST	
Project Number:		☐ Routine ☒ Rush		Preservative Codes	
Project Location: Buckeye, NM		Due Date: 12-20-2024		None: NO DI Water: H ₂ O	
Sampler's Name: Doraedah Ceto		TAT starts the day received by the lab, if received by 4:30pm		Cool: Cool MeOH: Me	
PO #:				HCL: HC HNO ₃	
SAMPLE RECEIPT		Temp Blank: Yes No		H ₂ SO ₄ : H ₂ NaOH: Na	
Samples Received Intact: Yes No		Thermometer ID:		H ₃ PO ₄ : HP	
Cooler Custody Seals: Yes No N/A		Correction Factor:		NaHSO ₄ : NABIS	
Sample Custody Seals: Yes No N/A		Temperature Reading:		Na ₂ S ₂ O ₃ : NaSO ₃	
Total Containers:		Corrected Temperature:		Zn Acetate+NaOH: Zn	
Sample Identification		Date Sampled		NaOH+Ascorbic Acid: SAPC	
Matrix		Depth		Sample Comments	
SS176		10:07 surf			
SS138		10:17			
SS420		10:20			
Total 200.7 / 6010 200.8 / 6020:		8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn			
Circle Method(s) and Metal(s) to be analyzed		TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471			
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.					
Relinquished by: (Signature)		Received by: (Signature)		Date/Time	
1 Doraedah Ceto		2			
3		4			
5		6			

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Source: Eurofins Midland

List Number: 2

List Creation: 12/19/24 09:21 PM

Creator: Laing, Edmundo

Question	Answer	Comment
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time (excluding tests with immediate HTs)		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").		



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Michael Wicker
CDH Consulting
9446 Clermont St,
Thornton, Colorado 80229
Generated 12/20/2024 3:02:55 PM

JOB DESCRIPTION

CLOSE ENCOUNTER 301 H
BUCKEYE

JOB NUMBER

890-7492-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

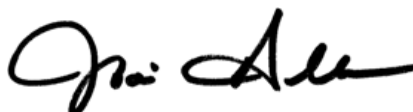
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
12/20/2024 3:02:55 PM

Authorized for release by
Jodi Allen, Project Manager I
Jodi.Allen@et.eurofinsus.com
(281)520-2865

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Laboratory Job ID: 890-7492-1
SDG: BUCKEYE

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Definitions/Glossary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1

Eurofins Carlsbad

Job Narrative
890-7492-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 12/19/2024 3:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 64 (890-7492-3), SS 80 (890-7492-4), SS 262 (890-7492-5), SS 320 (890-7492-6), SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11), SS 495 (890-7492-12), SS 129 (890-7492-13), SS 154 (890-7492-14), SS 504 (890-7492-15), SS 398 (890-7492-16), SS 183 (890-7492-17), SS 200 (890-7492-18), SS 435 (890-7492-19), SS 477 (890-7492-20), SS 176 (890-7492-21), SS 138 (890-7492-22) and SS 420 (890-7492-23).

GC VOA

Method 8021B: The following samples were diluted due to physical characteristics such as color, odor, appearance, viscosity, etc. >>: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 80 (890-7492-4), SS 262 (890-7492-5) and SS 320 (890-7492-6). Elevated reporting limits (RL) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 01 (890-7492-1), SS 20 (890-7492-2) and SS 64 (890-7492-3). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 398 (890-7492-16) and SS 200 (890-7492-18). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SS 176 (890-7492-21). Evidence of matrix interferences is not obvious.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11) and SS 495 (890-7492-12). Elevated reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 46 (890-7492-8), SS 290 (890-7492-10) and SS 495 (890-7492-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: SS 504 (890-7492-15). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-98402/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98402 and analytical batch 880-98425 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within

Eurofins Carlsbad

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1 (Continued)

Eurofins Carlsbad

acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SS 262 (890-7492-5). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Due to the high concentration of Diesel Range Organics (Over C10-C28), the matrix spike (MS) for preparation batch 880-98403 and analytical batch 880-98427 could not be evaluated for accuracy. The associated matrix spike duplicate (MSD) met acceptance criteria.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SS 477 (890-7492-20), (LCS 880-98403/2-A) and (LCSD 880-98403/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The method blank for preparation batch 880-98404 and analytical batch 880-98430 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-98404/2-A) and (LCSD 880-98404/3-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-98404 and analytical batch 880-98430 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The laboratory control sample (LCS) for preparation batch 880-98403 and analytical batch 880-98427 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10. Since only an acceptable LCSD is required per the method, the LCSD shows recovery for the batch and the data has been qualified and reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98374 and analytical batch 880-98376 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Carlsbad

Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01

Lab Sample ID: 890-7492-1

Date Collected: 12/19/24 08:20

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0101	U	0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Ethylbenzene	0.0947		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Toluene	0.0306		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Xylenes, Total	1.81		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
m-Xylene & p-Xylene	0.0449		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
o-Xylene	1.77		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:24	12/20/24 11:51	20
1,4-Difluorobenzene (Surr)	124		70 - 130				12/20/24 08:24	12/20/24 11:51	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.94		0.0202		mg/Kg			12/20/24 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	287		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	287		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				12/19/24 21:26	12/20/24 12:09	1
o-Terphenyl	86		70 - 130				12/19/24 21:26	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17600		199		mg/Kg			12/20/24 10:49	20

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Ethylbenzene	0.0420		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Toluene	0.0216		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Xylenes, Total	0.350		0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
m-Xylene & p-Xylene	<0.0401	U	0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
o-Xylene	0.350		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				12/20/24 08:24	12/20/24 14:15	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	136	S1+	70 - 130	12/20/24 08:24	12/20/24 14:15	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.414		0.0401		mg/Kg			12/20/24 14:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	110		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	110		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				12/19/24 21:26	12/20/24 12:23	1
o-Terphenyl	77		70 - 130				12/19/24 21:26	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300	F1	49.9		mg/Kg			12/20/24 10:58	5

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Ethylbenzene	0.242		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Toluene	0.0581		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Xylenes, Total	0.781		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
m-Xylene & p-Xylene	0.189		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
o-Xylene	0.592		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20
1,4-Difluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.08		0.0795		mg/Kg			12/20/24 12:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	631		50.0		mg/Kg			12/20/24 09:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Diesel Range Organics (Over C10-C28)	631	F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 09:40	1
o-Terphenyl	78		70 - 130				12/19/24 21:28	12/20/24 09:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3110		50.2		mg/Kg			12/20/24 11:54	5

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Ethylbenzene	0.0344		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Toluene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Xylenes, Total	0.680		0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
m-Xylene & p-Xylene	<0.0399	U	0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
o-Xylene	0.680		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				12/20/24 08:24	12/20/24 14:36	10
1,4-Difluorobenzene (Surr)	106		70 - 130				12/20/24 08:24	12/20/24 14:36	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.714		0.0399		mg/Kg			12/20/24 14:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	188		50.0		mg/Kg			12/20/24 10:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Diesel Range Organics (Over C10-C28)	188		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				12/19/24 21:28	12/20/24 10:24	1
o-Terphenyl	74		70 - 130				12/19/24 21:28	12/20/24 10:24	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3070		100		mg/Kg			12/20/24 11:30	10

Client Sample ID: SS 262

Lab Sample ID: 890-7492-5

Date Collected: 12/19/24 08:59

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Ethylbenzene	0.966		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Toluene	0.415		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Xylenes, Total	1.51		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
m-Xylene & p-Xylene	0.756		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
o-Xylene	0.754		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				12/20/24 08:24	12/20/24 13:14	50
1,4-Difluorobenzene (Surr)	122		70 - 130				12/20/24 08:24	12/20/24 13:14	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.89		0.202		mg/Kg			12/20/24 13:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	463		50.0		mg/Kg			12/20/24 10:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Diesel Range Organics (Over C10-C28)	463		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				12/19/24 21:28	12/20/24 10:38	1
o-Terphenyl	69	S1-	70 - 130				12/19/24 21:28	12/20/24 10:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4470		99.4		mg/Kg			12/20/24 11:48	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 320
Date Collected: 12/19/24 09:04
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-6
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0503	U	0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Ethylbenzene	0.537		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Toluene	0.125		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Xylenes, Total	1.20		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
m-Xylene & p-Xylene	0.454		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
o-Xylene	0.746		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				12/20/24 08:24	12/20/24 13:34	25
1,4-Difluorobenzene (Surr)	126		70 - 130				12/20/24 08:24	12/20/24 13:34	25

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.86		0.101		mg/Kg			12/20/24 13:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	876		49.7		mg/Kg			12/20/24 10:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Diesel Range Organics (Over C10-C28)	876		49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				12/19/24 21:28	12/20/24 10:53	1
o-Terphenyl	75		70 - 130				12/19/24 21:28	12/20/24 10:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3410		49.8		mg/Kg			12/20/24 11:59	5

Client Sample ID: SS 488
Date Collected: 12/19/24 09:12
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-7
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.199	U	0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Ethylbenzene	1.92		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Toluene	0.602		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Xylenes, Total	3.04		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
m-Xylene & p-Xylene	1.78		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
o-Xylene	1.26		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				12/20/24 08:27	12/20/24 12:24	100

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	100		70 - 130	12/20/24 08:27	12/20/24 12:24	100

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	5.56		0.398		mg/Kg			12/20/24 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2500		49.8		mg/Kg			12/20/24 11:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.7		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Diesel Range Organics (Over C10-C28)	2410		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:08	1
o-Terphenyl	95		70 - 130				12/19/24 21:28	12/20/24 11:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3680		49.6		mg/Kg			12/20/24 12:06	5

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.11		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Ethylbenzene	9.28		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Toluene	7.96		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Xylenes, Total	10.9		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
m-Xylene & p-Xylene	6.88		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
o-Xylene	4.05		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130	12/20/24 08:27	12/20/24 12:45	50
1,4-Difluorobenzene (Surr)	94		70 - 130	12/20/24 08:27	12/20/24 12:45	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	29.3		0.200		mg/Kg			12/20/24 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1330		49.9		mg/Kg			12/20/24 11:25	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	95.0		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Diesel Range Organics (Over C10-C28)	1230		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:25	1
o-Terphenyl	81		70 - 130				12/19/24 21:28	12/20/24 11:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5420		101		mg/Kg			12/20/24 12:11	10

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Ethylbenzene	1.52		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Toluene	0.807		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Xylenes, Total	4.70		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
m-Xylene & p-Xylene	3.88		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
o-Xylene	0.815		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				12/20/24 08:27	12/20/24 13:05	50
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:27	12/20/24 13:05	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	7.02		0.202		mg/Kg			12/20/24 13:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	60.0		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Diesel Range Organics (Over C10-C28)	1450		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:40	1
o-Terphenyl	86		70 - 130				12/19/24 21:28	12/20/24 11:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5250		99.4		mg/Kg			12/20/24 12:17	10

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.151		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Ethylbenzene	3.30		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Toluene	1.75		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Xylenes, Total	4.33		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
m-Xylene & p-Xylene	2.60		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
o-Xylene	1.73		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:27	12/20/24 13:25	50
1,4-Difluorobenzene (Surr)	100		70 - 130				12/20/24 08:27	12/20/24 13:25	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	9.53		0.201		mg/Kg			12/20/24 13:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2470		49.8		mg/Kg			12/20/24 11:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	129		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Diesel Range Organics (Over C10-C28)	2340		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				12/19/24 21:28	12/20/24 11:54	1
o-Terphenyl	105		70 - 130				12/19/24 21:28	12/20/24 11:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5400		99.8		mg/Kg			12/20/24 12:23	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.106		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Ethylbenzene	3.81		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Toluene	1.12		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Xylenes, Total	5.28		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
m-Xylene & p-Xylene	3.48		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
o-Xylene	1.80		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				12/20/24 08:27	12/20/24 13:46	50
1,4-Difluorobenzene (Surr)	99		70 - 130				12/20/24 08:27	12/20/24 13:46	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	10.3		0.200		mg/Kg			12/20/24 13:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3950		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	154		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	3800		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:28	12/20/24 12:09	1
o-Terphenyl	121		70 - 130				12/19/24 21:28	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4280		49.9		mg/Kg			12/20/24 12:29	5

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0994	U	0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Ethylbenzene	5.40		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Toluene	1.34		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Xylenes, Total	7.57		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
m-Xylene & p-Xylene	4.90		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
o-Xylene	2.67		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130				12/20/24 08:27	12/20/24 14:06	50

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	12/20/24 08:27	12/20/24 14:06	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	14.3		0.199		mg/Kg			12/20/24 14:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3070		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	177		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	2890		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:28	12/20/24 12:23	1
o-Terphenyl	108		70 - 130				12/19/24 21:28	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3660		49.6		mg/Kg			12/20/24 08:36	5

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Ethylbenzene	0.0238		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Toluene	0.00837		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Xylenes, Total	0.0306		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
m-Xylene & p-Xylene	0.0204		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
o-Xylene	0.0102		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	12/20/24 08:33	12/20/24 11:49	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/20/24 08:33	12/20/24 11:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0628		0.00404		mg/Kg			12/20/24 11:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	538		49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 129
Date Collected: 12/19/24 11:07
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-13
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Diesel Range Organics (Over C10-C28)	538	F1	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 11:11	1
o-Terphenyl	79		70 - 130				12/19/24 21:30	12/20/24 11:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3350		50.0		mg/Kg			12/20/24 08:43	5

Client Sample ID: SS 154
Date Collected: 12/19/24 11:19
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-14
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Ethylbenzene	0.0475		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Toluene	0.0124		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Xylenes, Total	0.0632		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
m-Xylene & p-Xylene	0.0373		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
o-Xylene	0.0259		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				12/20/24 08:33	12/20/24 12:10	1
1,4-Difluorobenzene (Surr)	93		70 - 130				12/20/24 08:33	12/20/24 12:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.123		0.00401		mg/Kg			12/20/24 12:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2710		49.8		mg/Kg			12/20/24 12:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Diesel Range Organics (Over C10-C28)	2710		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 12:00	1
o-Terphenyl	120		70 - 130				12/19/24 21:30	12/20/24 12:00	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1710		50.3		mg/Kg			12/20/24 08:50	5

Client Sample ID: SS 504

Lab Sample ID: 890-7492-15

Date Collected: 12/19/24 11:40

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Ethylbenzene	0.563		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Toluene	0.173		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Xylenes, Total	0.464		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
m-Xylene & p-Xylene	0.290		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
o-Xylene	0.174		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				12/20/24 08:33	12/20/24 13:32	10
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:33	12/20/24 13:32	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.20		0.0398		mg/Kg			12/20/24 13:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 12:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Diesel Range Organics (Over C10-C28)	1510		50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				12/19/24 21:30	12/20/24 12:15	1
o-Terphenyl	97		70 - 130				12/19/24 21:30	12/20/24 12:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2990		50.0		mg/Kg			12/20/24 09:12	5

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 398

Lab Sample ID: 890-7492-16

Date Collected: 12/19/24 11:27

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0262		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Ethylbenzene	0.199		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Toluene	0.168		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Xylenes, Total	0.269		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
m-Xylene & p-Xylene	0.158		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
o-Xylene	0.111		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	12/20/24 08:33	12/20/24 12:30	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:33	12/20/24 12:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.662		0.00399		mg/Kg			12/20/24 12:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3130		49.9		mg/Kg			12/20/24 12:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.1	++	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Diesel Range Organics (Over C10-C28)	3040		49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	12/19/24 21:30	12/20/24 12:31	1
o-Terphenyl	120		70 - 130	12/19/24 21:30	12/20/24 12:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2960		50.1		mg/Kg			12/20/24 09:19	5

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Ethylbenzene	0.0487		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Toluene	0.00442		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Xylenes, Total	0.0402		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
m-Xylene & p-Xylene	0.0276		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
o-Xylene	0.0126		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	12/20/24 08:33	12/20/24 12:51	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	75		70 - 130	12/20/24 08:33	12/20/24 12:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0933		0.00404		mg/Kg			12/20/24 12:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	311		49.8		mg/Kg			12/20/24 12:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Diesel Range Organics (Over C10-C28)	311		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				12/19/24 21:30	12/20/24 12:47	1
o-Terphenyl	77		70 - 130				12/19/24 21:30	12/20/24 12:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.8		9.96		mg/Kg			12/20/24 09:26	1

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Ethylbenzene	0.191		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Toluene	0.110		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Xylenes, Total	0.265		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
m-Xylene & p-Xylene	0.156		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
o-Xylene	0.109		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130	12/20/24 08:33	12/20/24 13:11	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 13:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.566		0.00402		mg/Kg			12/20/24 13:11	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2050		49.9		mg/Kg			12/20/24 13:03	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Diesel Range Organics (Over C10-C28)	2050		49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				12/19/24 21:30	12/20/24 13:03	1
o-Terphenyl	106		70 - 130				12/19/24 21:30	12/20/24 13:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	930		10.0		mg/Kg			12/20/24 09:33	1

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Ethylbenzene	0.00665		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Toluene	0.00205		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Xylenes, Total	0.0105		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
m-Xylene & p-Xylene	0.00628		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
o-Xylene	0.00418		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				12/20/24 08:30	12/20/24 12:07	1
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 12:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0192		0.00404		mg/Kg			12/20/24 12:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	601		49.7		mg/Kg			12/20/24 13:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U **	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Diesel Range Organics (Over C10-C28)	601		49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				12/19/24 21:30	12/20/24 13:20	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 13:20	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3030		49.7		mg/Kg			12/20/24 09:40	5

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Xylenes, Total	0.133		0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
o-Xylene	0.133		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				12/20/24 08:30	12/20/24 12:27	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/20/24 08:30	12/20/24 12:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.133		0.00401		mg/Kg			12/20/24 12:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/20/24 13:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 13:36	1
o-Terphenyl	66	S1-	70 - 130				12/19/24 21:30	12/20/24 13:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		10.0		mg/Kg			12/20/24 09:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Ethylbenzene	0.950		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Toluene	0.199		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Xylenes, Total	1.58		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
m-Xylene & p-Xylene	0.943		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
o-Xylene	0.636		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	193	S1+	70 - 130				12/20/24 08:30	12/20/24 13:28	10
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 13:28	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.73		0.0398		mg/Kg			12/20/24 13:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2110		49.8		mg/Kg			12/20/24 13:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Diesel Range Organics (Over C10-C28)	2110		49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:30	12/20/24 13:52	1
o-Terphenyl	112		70 - 130				12/19/24 21:30	12/20/24 13:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	812		9.98		mg/Kg			12/20/24 10:09	1

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Ethylbenzene	0.0120		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Toluene	0.00377		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Xylenes, Total	0.0233		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
m-Xylene & p-Xylene	0.0102		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
o-Xylene	0.0131		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				12/20/24 08:30	12/20/24 12:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130	12/20/24 08:30	12/20/24 12:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0391		0.00399		mg/Kg			12/20/24 12:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	573		49.8		mg/Kg			12/20/24 14:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Diesel Range Organics (Over C10-C28)	573		49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 14:07	1
o-Terphenyl	78		70 - 130				12/19/24 21:30	12/20/24 14:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2650		50.1		mg/Kg			12/20/24 10:16	5

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Xylenes, Total	0.0889		0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
o-Xylene	0.0889		0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	12/20/24 08:30	12/20/24 13:08	1
1,4-Difluorobenzene (Surr)	91		70 - 130	12/20/24 08:30	12/20/24 13:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0889		0.00404		mg/Kg			12/20/24 13:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 420
Date Collected: 12/19/24 12:22
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-23
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	104		70 - 130				12/19/24 21:32	12/20/24 11:11	1	
o-Terphenyl	109		70 - 130				12/19/24 21:32	12/20/24 11:11	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	162		9.94		mg/Kg			12/20/24 10:38	1	

Surrogate Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
890-7492-1	SS 01	131 S1+	124
890-7492-2	SS 20	128	136 S1+
890-7492-3	SS 64	137 S1+	131 S1+
890-7492-4	SS 80	144 S1+	106
890-7492-5	SS 262	125	122
890-7492-6	SS 320	126	126
890-7492-7	SS 488	106	100
890-7492-8	SS 46	171 S1+	94
890-7492-9	SS 107	107	101
890-7492-10	SS 290	131 S1+	100
890-7492-11	SS 339	122	99
890-7492-12	SS 495	139 S1+	104
890-7492-13	SS 129	109	95
890-7492-14	SS 154	99	93
890-7492-15	SS 504	110	94
890-7492-16	SS 398	141 S1+	96
890-7492-17	SS 183	88	75
890-7492-18	SS 200	159 S1+	93
890-7492-19	SS 435	113	104
890-7492-20	SS 477	98	95
890-7492-21	SS 176	193 S1+	104
890-7492-22	SS 138	115	103
890-7492-23	SS 420	95	91
LCS 880-98432/1-A	Lab Control Sample	101	96
LCS 880-98433/1-A	Lab Control Sample	96	103
LCS 880-98434/1-A	Lab Control Sample	107	104
LCS 880-98435/1-A	Lab Control Sample	106	99
LCSD 880-98432/2-A	Lab Control Sample Dup	103	99
LCSD 880-98433/2-A	Lab Control Sample Dup	94	103
LCSD 880-98434/2-A	Lab Control Sample Dup	109	103
LCSD 880-98435/2-A	Lab Control Sample Dup	108	98
MB 880-98432/5-A	Method Blank	112	85
MB 880-98433/5-A	Method Blank	98	96
MB 880-98434/5-A	Method Blank	111	101
MB 880-98435/5-A	Method Blank	92	93
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1	OTPH1
		(70-130)	(70-130)
890-7492-1	SS 01	83	86
890-7492-2	SS 20	76	77
890-7492-3	SS 64	75	78
890-7492-3 MS	SS 64	78	76

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Surrogate Summary

Client: CDH Consulting

Job ID: 890-7492-1

Project/Site: CLOSE ENCOUNTER 301 H

SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-3 MSD	SS 64	77	76
890-7492-4	SS 80	73	74
890-7492-5	SS 262	70	69 S1-
890-7492-6	SS 320	74	75
890-7492-7	SS 488	75	95
890-7492-8	SS 46	75	81
890-7492-9	SS 107	75	86
890-7492-10	SS 290	85	105
890-7492-11	SS 339	84	121
890-7492-12	SS 495	88	108
890-7492-13	SS 129	84	79
890-7492-13 MS	SS 129	80	81
890-7492-13 MSD	SS 129	79	81
890-7492-14	SS 154	84	120
890-7492-15	SS 504	92	97
890-7492-16	SS 398	85	120
890-7492-17	SS 183	87	77
890-7492-18	SS 200	82	106
890-7492-19	SS 435	77	74
890-7492-20	SS 477	81	66 S1-
890-7492-21	SS 176	88	112
890-7492-22	SS 138	81	78
890-7492-23	SS 420	104	109
890-7492-23 MS	SS 420	92	99
890-7492-23 MSD	SS 420	92	99
LCS 880-98401/2-A	Lab Control Sample	118	102
LCS 880-98402/2-A	Lab Control Sample	121	104
LCS 880-98403/2-A	Lab Control Sample	136 S1+	123
LCS 880-98404/2-A	Lab Control Sample	158 S1+	172 S1+
LCSD 880-98401/3-A	Lab Control Sample Dup	110	95
LCSD 880-98402/3-A	Lab Control Sample Dup	145 S1+	123
LCSD 880-98403/3-A	Lab Control Sample Dup	133 S1+	120
LCSD 880-98404/3-A	Lab Control Sample Dup	166 S1+	175 S1+
MB 880-98401/1-A	Method Blank	81	80
MB 880-98402/1-A	Method Blank	75	75
MB 880-98403/1-A	Method Blank	91	74
MB 880-98404/1-A	Method Blank	93	96
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-98432/5-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	12/20/24 08:24	12/20/24 11:08	1
1,4-Difluorobenzene (Surr)	85		70 - 130	12/20/24 08:24	12/20/24 11:08	1

Lab Sample ID: LCS 880-98432/1-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1137		mg/Kg		114	70 - 130
Ethylbenzene	0.100	0.1107		mg/Kg		111	70 - 130
Toluene	0.100	0.1082		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2221		mg/Kg		111	70 - 130
o-Xylene	0.100	0.1128		mg/Kg		113	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-98432/2-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1182		mg/Kg		118	70 - 130	4	35
Ethylbenzene	0.100	0.1145		mg/Kg		114	70 - 130	3	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2282		mg/Kg		114	70 - 130	3	35
o-Xylene	0.100	0.1165		mg/Kg		117	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	12/20/24 08:27	12/20/24 11:02	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:27	12/20/24 11:02	1

Lab Sample ID: LCS 880-98433/1-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1001		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09410		mg/Kg		94	70 - 130
Toluene	0.100	0.09371		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1885		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09536		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-98433/2-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1048		mg/Kg		105	70 - 130	5	35
Ethylbenzene	0.100	0.09886		mg/Kg		99	70 - 130	5	35
Toluene	0.100	0.09817		mg/Kg		98	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1969		mg/Kg		98	70 - 130	4	35
o-Xylene	0.100	0.09974		mg/Kg		100	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	111		70 - 130	12/20/24 08:30	12/20/24 11:25	1
1,4-Difluorobenzene (Surr)	101		70 - 130	12/20/24 08:30	12/20/24 11:25	1

Lab Sample ID: LCS 880-98434/1-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.1149		mg/Kg		115	70 - 130
Ethylbenzene	0.100	0.1100		mg/Kg		110	70 - 130
Toluene	0.100	0.1116		mg/Kg		112	70 - 130
m-Xylene & p-Xylene	0.200	0.2234		mg/Kg		112	70 - 130
o-Xylene	0.100	0.1142		mg/Kg		114	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: LCSD 880-98434/2-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.1162		mg/Kg		116	70 - 130	1	35
Ethylbenzene	0.100	0.1102		mg/Kg		110	70 - 130	0	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2247		mg/Kg		112	70 - 130	1	35
o-Xylene	0.100	0.1148		mg/Kg		115	70 - 130	1	35

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-98435/5-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98435

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

		MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared		Analyzed		Dil Fac		
4-Bromofluorobenzene (Surr)	92		70 - 130	12/20/24 08:33		12/20/24 11:07		1		
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33		12/20/24 11:07		1		

Lab Sample ID: LCS 880-98435/1-A
Matrix: Solid
Analysis Batch: 98353

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98435

		Spike	LCS	LCS						
Analyte	Added	Result	Qualifier	Unit	D	%Rec	%Rec	Limits		
Benzene	0.100	0.1025		mg/Kg		103		70 - 130		
Ethylbenzene	0.100	0.1037		mg/Kg		104		70 - 130		
Toluene	0.100	0.1077		mg/Kg		108		70 - 130		
m-Xylene & p-Xylene	0.200	0.2015		mg/Kg		101		70 - 130		
o-Xylene	0.100	0.1117		mg/Kg		112		70 - 130		

		LCS	LCS							
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	106		70 - 130							
1,4-Difluorobenzene (Surr)	99		70 - 130							

Lab Sample ID: LCSD 880-98435/2-A
Matrix: Solid
Analysis Batch: 98353

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98435

		Spike	LCSD	LCSD						
Analyte	Added	Result	Qualifier	Unit	D	%Rec	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1068		mg/Kg		107		70 - 130	4	35
Ethylbenzene	0.100	0.1065		mg/Kg		107		70 - 130	3	35
Toluene	0.100	0.1103		mg/Kg		110		70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2041		mg/Kg		102		70 - 130	1	35
o-Xylene	0.100	0.1136		mg/Kg		114		70 - 130	2	35

		LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	108		70 - 130							
1,4-Difluorobenzene (Surr)	98		70 - 130							

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-98401/1-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 98401

		MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	

		MB	MB							
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	81		70 - 130							
o-Terphenyl	80		70 - 130							

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98401/2-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98401

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1058		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	960.9		mg/Kg		96	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	118		70 - 130				
o-Terphenyl	102		70 - 130				

Lab Sample ID: LCSD 880-98401/3-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98401

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1005		mg/Kg		101	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	903.5		mg/Kg		90	70 - 130	6	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	110		70 - 130						
o-Terphenyl	95		70 - 130						

Lab Sample ID: MB 880-98402/1-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 98402

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1-Chlorooctane	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	
o-Terphenyl	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	

Lab Sample ID: LCS 880-98402/2-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1061		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1028		mg/Kg		103	70 - 130

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98402/2-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98402

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: LCSD 880-98402/3-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1288		mg/Kg		129	70 - 130	19	20
Diesel Range Organics (Over C10-C28)	1000	1231		mg/Kg		123	70 - 130	18	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	145	S1+	70 - 130
o-Terphenyl	123		70 - 130

Lab Sample ID: 890-7492-3 MS

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: SS 64

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	665.3	F1	mg/Kg		67	70 - 130
Diesel Range Organics (Over C10-C28)	631	F1	998	1155	F1	mg/Kg		53	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	78		70 - 130
o-Terphenyl	76		70 - 130

Lab Sample ID: 890-7492-3 MSD

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: SS 64

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	660.4	F1	mg/Kg		66	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	631	F1	998	1141	F1	mg/Kg		51	70 - 130	1	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	77		70 - 130
o-Terphenyl	76		70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-98403/1-A
Matrix: Solid
Analysis Batch: 98427

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 98403

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				12/19/24 21:30	12/20/24 09:12	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 09:12	1

Lab Sample ID: LCS 880-98403/2-A
Matrix: Solid
Analysis Batch: 98427

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98403

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1333	*+	mg/Kg		133	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1178		mg/Kg		118	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	136	S1+	70 - 130				
o-Terphenyl	123		70 - 130				

Lab Sample ID: LCSD 880-98403/3-A
Matrix: Solid
Analysis Batch: 98427

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98403

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1180		mg/Kg		118	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	1000	1166		mg/Kg		117	70 - 130	1	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	133	S1+	70 - 130						
o-Terphenyl	120		70 - 130						

Lab Sample ID: 890-7492-13 MS
Matrix: Solid
Analysis Batch: 98427

Client Sample ID: SS 129
Prep Type: Total/NA
Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	997	729.6		mg/Kg		73	70 - 130
Diesel Range Organics (Over C10-C28)	538	F1	997	1207	F1	mg/Kg		67	70 - 130

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	80		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: 890-7492-13 MSD

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	997	855.4		mg/Kg		86	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	538	F1	997	1282		mg/Kg		75	70 - 130	6	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	79		70 - 130								
o-Terphenyl	81		70 - 130								

Lab Sample ID: MB 880-98404/1-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98404

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				12/19/24 21:32	12/20/24 09:12	1
o-Terphenyl	96		70 - 130				12/19/24 21:32	12/20/24 09:12	1

Lab Sample ID: LCS 880-98404/2-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1398	*+	mg/Kg		140	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1468	*+	mg/Kg		147	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	158	S1+	70 - 130				
o-Terphenyl	172	S1+	70 - 130				

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-98404/3-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1465	*+	mg/Kg		147	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	1590	*+	mg/Kg		159	70 - 130	8	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	166	S1+	70 - 130						
o-Terphenyl	175	S1+	70 - 130						

Lab Sample ID: 890-7492-23 MS

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: SS 420

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	781.1		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	867.3		mg/Kg		84	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Lab Sample ID: 890-7492-23 MSD

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: SS 420

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	804.1		mg/Kg		80	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	863.1		mg/Kg		84	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-98374/1-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 08:34	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-98374/2-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.6		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-98374/3-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	245.0		mg/Kg		98	90 - 110	2	20

Lab Sample ID: 890-7492-2 MS

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1300	F1	1250	3073	F1	mg/Kg		142	90 - 110

Lab Sample ID: 890-7492-2 MSD

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1300	F1	1250	3070	F1	mg/Kg		142	90 - 110	0	20

Lab Sample ID: MB 880-98373/1-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 03:00	1

Lab Sample ID: LCS 880-98373/2-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	258.6		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-98373/3-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	257.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-7492-20 MS

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: SS 477

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	126		257	387.5		mg/Kg		102	90 - 110

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-7492-20 MSD							Client Sample ID: SS 477					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 98377												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	126		248	372.8		mg/Kg		100	90 - 110	4	20	

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA

Analysis Batch: 98350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-2	SS 20	Total/NA	Solid	8021B	98432
890-7492-3	SS 64	Total/NA	Solid	8021B	98432
890-7492-4	SS 80	Total/NA	Solid	8021B	98432
890-7492-5	SS 262	Total/NA	Solid	8021B	98432
890-7492-6	SS 320	Total/NA	Solid	8021B	98432
MB 880-98432/5-A	Method Blank	Total/NA	Solid	8021B	98432
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	8021B	98432
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98432

Analysis Batch: 98351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	8021B	98433
890-7492-8	SS 46	Total/NA	Solid	8021B	98433
890-7492-9	SS 107	Total/NA	Solid	8021B	98433
890-7492-10	SS 290	Total/NA	Solid	8021B	98433
890-7492-11	SS 339	Total/NA	Solid	8021B	98433
890-7492-12	SS 495	Total/NA	Solid	8021B	98433
MB 880-98433/5-A	Method Blank	Total/NA	Solid	8021B	98433
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	8021B	98433
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98433

Analysis Batch: 98352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	8021B	98434
890-7492-20	SS 477	Total/NA	Solid	8021B	98434
890-7492-21	SS 176	Total/NA	Solid	8021B	98434
890-7492-22	SS 138	Total/NA	Solid	8021B	98434
890-7492-23	SS 420	Total/NA	Solid	8021B	98434
MB 880-98434/5-A	Method Blank	Total/NA	Solid	8021B	98434
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	8021B	98434
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98434

Analysis Batch: 98353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8021B	98435
890-7492-14	SS 154	Total/NA	Solid	8021B	98435
890-7492-15	SS 504	Total/NA	Solid	8021B	98435
890-7492-16	SS 398	Total/NA	Solid	8021B	98435
890-7492-17	SS 183	Total/NA	Solid	8021B	98435
890-7492-18	SS 200	Total/NA	Solid	8021B	98435
MB 880-98435/5-A	Method Blank	Total/NA	Solid	8021B	98435
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	8021B	98435
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98435

Prep Batch: 98432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	5035	
890-7492-2	SS 20	Total/NA	Solid	5035	
890-7492-3	SS 64	Total/NA	Solid	5035	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Prep Batch: 98432 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-4	SS 80	Total/NA	Solid	5035	
890-7492-5	SS 262	Total/NA	Solid	5035	
890-7492-6	SS 320	Total/NA	Solid	5035	
MB 880-98432/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	5035	
890-7492-8	SS 46	Total/NA	Solid	5035	
890-7492-9	SS 107	Total/NA	Solid	5035	
890-7492-10	SS 290	Total/NA	Solid	5035	
890-7492-11	SS 339	Total/NA	Solid	5035	
890-7492-12	SS 495	Total/NA	Solid	5035	
MB 880-98433/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	5035	
890-7492-20	SS 477	Total/NA	Solid	5035	
890-7492-21	SS 176	Total/NA	Solid	5035	
890-7492-22	SS 138	Total/NA	Solid	5035	
890-7492-23	SS 420	Total/NA	Solid	5035	
MB 880-98434/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	5035	
890-7492-14	SS 154	Total/NA	Solid	5035	
890-7492-15	SS 504	Total/NA	Solid	5035	
890-7492-16	SS 398	Total/NA	Solid	5035	
890-7492-17	SS 183	Total/NA	Solid	5035	
890-7492-18	SS 200	Total/NA	Solid	5035	
MB 880-98435/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 98498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	Total BTEX	
890-7492-2	SS 20	Total/NA	Solid	Total BTEX	
890-7492-3	SS 64	Total/NA	Solid	Total BTEX	
890-7492-4	SS 80	Total/NA	Solid	Total BTEX	
890-7492-5	SS 262	Total/NA	Solid	Total BTEX	
890-7492-6	SS 320	Total/NA	Solid	Total BTEX	
890-7492-7	SS 488	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Analysis Batch: 98498 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-8	SS 46	Total/NA	Solid	Total BTEX	
890-7492-9	SS 107	Total/NA	Solid	Total BTEX	
890-7492-10	SS 290	Total/NA	Solid	Total BTEX	
890-7492-11	SS 339	Total/NA	Solid	Total BTEX	
890-7492-12	SS 495	Total/NA	Solid	Total BTEX	
890-7492-13	SS 129	Total/NA	Solid	Total BTEX	
890-7492-14	SS 154	Total/NA	Solid	Total BTEX	
890-7492-15	SS 504	Total/NA	Solid	Total BTEX	
890-7492-16	SS 398	Total/NA	Solid	Total BTEX	
890-7492-17	SS 183	Total/NA	Solid	Total BTEX	
890-7492-18	SS 200	Total/NA	Solid	Total BTEX	
890-7492-19	SS 435	Total/NA	Solid	Total BTEX	
890-7492-20	SS 477	Total/NA	Solid	Total BTEX	
890-7492-21	SS 176	Total/NA	Solid	Total BTEX	
890-7492-22	SS 138	Total/NA	Solid	Total BTEX	
890-7492-23	SS 420	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 98401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015NM Prep	
890-7492-2	SS 20	Total/NA	Solid	8015NM Prep	
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 98402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-4	SS 80	Total/NA	Solid	8015NM Prep	
890-7492-5	SS 262	Total/NA	Solid	8015NM Prep	
890-7492-6	SS 320	Total/NA	Solid	8015NM Prep	
890-7492-7	SS 488	Total/NA	Solid	8015NM Prep	
890-7492-8	SS 46	Total/NA	Solid	8015NM Prep	
890-7492-9	SS 107	Total/NA	Solid	8015NM Prep	
890-7492-10	SS 290	Total/NA	Solid	8015NM Prep	
890-7492-11	SS 339	Total/NA	Solid	8015NM Prep	
890-7492-12	SS 495	Total/NA	Solid	8015NM Prep	
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-3 MS	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-3 MSD	SS 64	Total/NA	Solid	8015NM Prep	

Prep Batch: 98403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-14	SS 154	Total/NA	Solid	8015NM Prep	
890-7492-15	SS 504	Total/NA	Solid	8015NM Prep	
890-7492-16	SS 398	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Prep Batch: 98403 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-17	SS 183	Total/NA	Solid	8015NM Prep	
890-7492-18	SS 200	Total/NA	Solid	8015NM Prep	
890-7492-19	SS 435	Total/NA	Solid	8015NM Prep	
890-7492-20	SS 477	Total/NA	Solid	8015NM Prep	
890-7492-21	SS 176	Total/NA	Solid	8015NM Prep	
890-7492-22	SS 138	Total/NA	Solid	8015NM Prep	
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-13 MS	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-13 MSD	SS 129	Total/NA	Solid	8015NM Prep	

Prep Batch: 98404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015NM Prep	
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-23 MS	SS 420	Total/NA	Solid	8015NM Prep	
890-7492-23 MSD	SS 420	Total/NA	Solid	8015NM Prep	

Analysis Batch: 98423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015B NM	98401
890-7492-2	SS 20	Total/NA	Solid	8015B NM	98401
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015B NM	98401
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98401
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98401

Analysis Batch: 98425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-4	SS 80	Total/NA	Solid	8015B NM	98402
890-7492-5	SS 262	Total/NA	Solid	8015B NM	98402
890-7492-6	SS 320	Total/NA	Solid	8015B NM	98402
890-7492-7	SS 488	Total/NA	Solid	8015B NM	98402
890-7492-8	SS 46	Total/NA	Solid	8015B NM	98402
890-7492-9	SS 107	Total/NA	Solid	8015B NM	98402
890-7492-10	SS 290	Total/NA	Solid	8015B NM	98402
890-7492-11	SS 339	Total/NA	Solid	8015B NM	98402
890-7492-12	SS 495	Total/NA	Solid	8015B NM	98402
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015B NM	98402
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98402
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98402
890-7492-3 MS	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-3 MSD	SS 64	Total/NA	Solid	8015B NM	98402

Analysis Batch: 98427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-14	SS 154	Total/NA	Solid	8015B NM	98403

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Analysis Batch: 98427 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-15	SS 504	Total/NA	Solid	8015B NM	98403
890-7492-16	SS 398	Total/NA	Solid	8015B NM	98403
890-7492-17	SS 183	Total/NA	Solid	8015B NM	98403
890-7492-18	SS 200	Total/NA	Solid	8015B NM	98403
890-7492-19	SS 435	Total/NA	Solid	8015B NM	98403
890-7492-20	SS 477	Total/NA	Solid	8015B NM	98403
890-7492-21	SS 176	Total/NA	Solid	8015B NM	98403
890-7492-22	SS 138	Total/NA	Solid	8015B NM	98403
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015B NM	98403
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98403
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98403
890-7492-13 MS	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-13 MSD	SS 129	Total/NA	Solid	8015B NM	98403

Analysis Batch: 98430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015B NM	98404
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015B NM	98404
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98404
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98404
890-7492-23 MS	SS 420	Total/NA	Solid	8015B NM	98404
890-7492-23 MSD	SS 420	Total/NA	Solid	8015B NM	98404

Analysis Batch: 98523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015 NM	
890-7492-2	SS 20	Total/NA	Solid	8015 NM	
890-7492-3	SS 64	Total/NA	Solid	8015 NM	
890-7492-4	SS 80	Total/NA	Solid	8015 NM	
890-7492-5	SS 262	Total/NA	Solid	8015 NM	
890-7492-6	SS 320	Total/NA	Solid	8015 NM	
890-7492-7	SS 488	Total/NA	Solid	8015 NM	
890-7492-8	SS 46	Total/NA	Solid	8015 NM	
890-7492-9	SS 107	Total/NA	Solid	8015 NM	
890-7492-10	SS 290	Total/NA	Solid	8015 NM	
890-7492-11	SS 339	Total/NA	Solid	8015 NM	
890-7492-12	SS 495	Total/NA	Solid	8015 NM	
890-7492-13	SS 129	Total/NA	Solid	8015 NM	
890-7492-14	SS 154	Total/NA	Solid	8015 NM	
890-7492-15	SS 504	Total/NA	Solid	8015 NM	
890-7492-16	SS 398	Total/NA	Solid	8015 NM	
890-7492-17	SS 183	Total/NA	Solid	8015 NM	
890-7492-18	SS 200	Total/NA	Solid	8015 NM	
890-7492-19	SS 435	Total/NA	Solid	8015 NM	
890-7492-20	SS 477	Total/NA	Solid	8015 NM	
890-7492-21	SS 176	Total/NA	Solid	8015 NM	
890-7492-22	SS 138	Total/NA	Solid	8015 NM	
890-7492-23	SS 420	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC

Leach Batch: 98373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	DI Leach	
890-7492-13	SS 129	Soluble	Solid	DI Leach	
890-7492-14	SS 154	Soluble	Solid	DI Leach	
890-7492-15	SS 504	Soluble	Solid	DI Leach	
890-7492-16	SS 398	Soluble	Solid	DI Leach	
890-7492-17	SS 183	Soluble	Solid	DI Leach	
890-7492-18	SS 200	Soluble	Solid	DI Leach	
890-7492-19	SS 435	Soluble	Solid	DI Leach	
890-7492-20	SS 477	Soluble	Solid	DI Leach	
890-7492-21	SS 176	Soluble	Solid	DI Leach	
890-7492-22	SS 138	Soluble	Solid	DI Leach	
890-7492-23	SS 420	Soluble	Solid	DI Leach	
MB 880-98373/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-20 MS	SS 477	Soluble	Solid	DI Leach	
890-7492-20 MSD	SS 477	Soluble	Solid	DI Leach	

Leach Batch: 98374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	DI Leach	
890-7492-2	SS 20	Soluble	Solid	DI Leach	
890-7492-3	SS 64	Soluble	Solid	DI Leach	
890-7492-4	SS 80	Soluble	Solid	DI Leach	
890-7492-5	SS 262	Soluble	Solid	DI Leach	
890-7492-6	SS 320	Soluble	Solid	DI Leach	
890-7492-7	SS 488	Soluble	Solid	DI Leach	
890-7492-8	SS 46	Soluble	Solid	DI Leach	
890-7492-9	SS 107	Soluble	Solid	DI Leach	
890-7492-10	SS 290	Soluble	Solid	DI Leach	
890-7492-11	SS 339	Soluble	Solid	DI Leach	
MB 880-98374/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-2 MS	SS 20	Soluble	Solid	DI Leach	
890-7492-2 MSD	SS 20	Soluble	Solid	DI Leach	

Analysis Batch: 98376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	300.0	98374
890-7492-2	SS 20	Soluble	Solid	300.0	98374
890-7492-3	SS 64	Soluble	Solid	300.0	98374
890-7492-4	SS 80	Soluble	Solid	300.0	98374
890-7492-5	SS 262	Soluble	Solid	300.0	98374
890-7492-6	SS 320	Soluble	Solid	300.0	98374
890-7492-7	SS 488	Soluble	Solid	300.0	98374
890-7492-8	SS 46	Soluble	Solid	300.0	98374
890-7492-9	SS 107	Soluble	Solid	300.0	98374
890-7492-10	SS 290	Soluble	Solid	300.0	98374
890-7492-11	SS 339	Soluble	Solid	300.0	98374
MB 880-98374/1-A	Method Blank	Soluble	Solid	300.0	98374

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC (Continued)

Analysis Batch: 98376 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	300.0	98374
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98374
890-7492-2 MS	SS 20	Soluble	Solid	300.0	98374
890-7492-2 MSD	SS 20	Soluble	Solid	300.0	98374

Analysis Batch: 98377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	300.0	98373
890-7492-13	SS 129	Soluble	Solid	300.0	98373
890-7492-14	SS 154	Soluble	Solid	300.0	98373
890-7492-15	SS 504	Soluble	Solid	300.0	98373
890-7492-16	SS 398	Soluble	Solid	300.0	98373
890-7492-17	SS 183	Soluble	Solid	300.0	98373
890-7492-18	SS 200	Soluble	Solid	300.0	98373
890-7492-19	SS 435	Soluble	Solid	300.0	98373
890-7492-20	SS 477	Soluble	Solid	300.0	98373
890-7492-21	SS 176	Soluble	Solid	300.0	98373
890-7492-22	SS 138	Soluble	Solid	300.0	98373
890-7492-23	SS 420	Soluble	Solid	300.0	98373
MB 880-98373/1-A	Method Blank	Soluble	Solid	300.0	98373
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	300.0	98373
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98373
890-7492-20 MS	SS 477	Soluble	Solid	300.0	98373
890-7492-20 MSD	SS 477	Soluble	Solid	300.0	98373

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01
Date Collected: 12/19/24 08:20
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 11:51
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		5	98350	MNR	EET MID	12/20/24 13:55
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:55
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		20	98376	CH	EET MID	12/20/24 10:49

Client Sample ID: SS 20
Date Collected: 12/19/24 08:36
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:15
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:15
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 10:58

Client Sample ID: SS 64
Date Collected: 12/19/24 08:47
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 12:33
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:33
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 09:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 09:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:54

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Date Collected: 12/19/24 08:53

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:36
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:36
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:24
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:24
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:30

Client Sample ID: SS 262

Date Collected: 12/19/24 08:59

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		50	98350	MNR	EET MID	12/20/24 13:14
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:14
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:38
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:38
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:48

Client Sample ID: SS 320

Date Collected: 12/19/24 09:04

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		25	98350	MNR	EET MID	12/20/24 13:34
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:34
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:53
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:53
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:59

Client Sample ID: SS 488

Date Collected: 12/19/24 09:12

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		100	98351	MNR	EET MID	12/20/24 12:24
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:24

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488**Lab Sample ID: 890-7492-7****Date Collected: 12/19/24 09:12****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:08
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:08
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:06

Client Sample ID: SS 46**Lab Sample ID: 890-7492-8****Date Collected: 12/19/24 10:15****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 12:45
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:45
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:25
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:25
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:11

Client Sample ID: SS 107**Lab Sample ID: 890-7492-9****Date Collected: 12/19/24 10:22****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:05
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:05
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:17

Client Sample ID: SS 290**Lab Sample ID: 890-7492-10****Date Collected: 12/19/24 10:30****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:25
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:25
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:54
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:54

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 290
Date Collected: 12/19/24 10:30
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:23

Client Sample ID: SS 339
Date Collected: 12/19/24 10:37
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:46
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:46
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:29

Client Sample ID: SS 495
Date Collected: 12/19/24 10:44
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 14:06
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:06
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:36

Client Sample ID: SS 129
Date Collected: 12/19/24 11:07
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 11:49
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 11:49
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:43

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154
Date Collected: 12/19/24 11:19
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:10
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:10
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:00
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:00
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:50

Client Sample ID: SS 504
Date Collected: 12/19/24 11:40
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		10	98353	MNR	EET MID	12/20/24 13:32
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:32
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:15
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:15
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:12

Client Sample ID: SS 398
Date Collected: 12/19/24 11:27
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:30
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:30
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:31
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:31
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:19

Client Sample ID: SS 183
Date Collected: 12/19/24 11:44
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:51
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:51

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Date Collected: 12/19/24 11:44

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:47
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:47
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:26

Client Sample ID: SS 200

Date Collected: 12/19/24 11:49

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 13:11
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:11
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:03
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:03
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:33

Client Sample ID: SS 435

Date Collected: 12/19/24 11:53

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-19

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:07
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:07
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:20
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:20
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:40

Client Sample ID: SS 477

Date Collected: 12/19/24 12:02

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:27
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:27
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:36
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:36

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:48

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		10	98352	MNR	EET MID	12/20/24 13:28
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:28
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:52
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:52
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:09

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:48
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:48
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 14:07
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 14:07
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 10:16

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 13:08
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:08
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98404	EL	EET MID	12/19/24 21:32
Total/NA	Analysis	8015B NM		1	98430	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:38

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7492-1	SS 01	Solid	12/19/24 08:20	12/19/24 15:45	- SURFACE
890-7492-2	SS 20	Solid	12/19/24 08:36	12/19/24 15:45	- SURFACE
890-7492-3	SS 64	Solid	12/19/24 08:47	12/19/24 15:45	- SURFACE
890-7492-4	SS 80	Solid	12/19/24 08:53	12/19/24 15:45	- SURFACE
890-7492-5	SS 262	Solid	12/19/24 08:59	12/19/24 15:45	- SURFACE
890-7492-6	SS 320	Solid	12/19/24 09:04	12/19/24 15:45	- SURFACE
890-7492-7	SS 488	Solid	12/19/24 09:12	12/19/24 15:45	- SURFACE
890-7492-8	SS 46	Solid	12/19/24 10:15	12/19/24 15:45	- SURFACE
890-7492-9	SS 107	Solid	12/19/24 10:22	12/19/24 15:45	- SURFACE
890-7492-10	SS 290	Solid	12/19/24 10:30	12/19/24 15:45	- SURFACE
890-7492-11	SS 339	Solid	12/19/24 10:37	12/19/24 15:45	- SURFACE
890-7492-12	SS 495	Solid	12/19/24 10:44	12/19/24 15:45	- SURFACE
890-7492-13	SS 129	Solid	12/19/24 11:07	12/19/24 15:45	- SURFACE
890-7492-14	SS 154	Solid	12/19/24 11:19	12/19/24 15:45	- SURFACE
890-7492-15	SS 504	Solid	12/19/24 11:40	12/19/24 15:45	- SURFACE
890-7492-16	SS 398	Solid	12/19/24 11:27	12/19/24 15:45	- SURFACE
890-7492-17	SS 183	Solid	12/19/24 11:44	12/19/24 15:45	- SURFACE
890-7492-18	SS 200	Solid	12/19/24 11:49	12/19/24 15:45	- SURFACE
890-7492-19	SS 435	Solid	12/19/24 11:53	12/19/24 15:45	- SURFACE
890-7492-20	SS 477	Solid	12/19/24 12:02	12/19/24 15:45	- SURFACE
890-7492-21	SS 176	Solid	12/19/24 12:07	12/19/24 15:45	- SURFACE
890-7492-22	SS 138	Solid	12/19/24 12:17	12/19/24 15:45	- SURFACE
890-7492-23	SS 420	Solid	12/19/24 12:22	12/19/24 15:45	- SURFACE



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 1 of 3

Project Manager:	Michael Wicker	Bill to: (if different)	CDH Consulting
Company Name:	Cotto	Company Name:	
Address:		Address:	
City, State ZIP:		City, State ZIP:	
Phone:	1616-970-8459	Email:	Mwicker@cdhconsult.com

Project Name:	Close Encounter 30114	Turn Around		Pres. Code	
Project Number:		☐ Routine ☒ Rush			
Project Location:	Buckeye, NM	Due Date:	12-20-2024		
Sampler's Name:	Dakotah Cueto	TAT starts the day received by the lab, if received by 4:30pm			
PO #:					

SAMPLE RECEIPT		Temp Blank:	Yes	No	Wet Ice:	Yes	No
Samples Received Intact:		Yes	No	Thermometer ID:	Turner		
Cooler Custody Seals:		Yes	No	Correction Factor:	-0.2		
Sample Custody Seals:		Yes	No	Temperature Reading:	5.8		
Total Containers:				Corrected Temperature:	5.0		
Sample Identification		Date Sampled	Matrix	Time Sampled	Depth	Grab/Comp	# of Cont
SS01		12-19-24	S	08:20	Surf	C	1
SS20			S	08:36		C	1
SS64			S	08:47		C	1
SS80			S	08:53		C	1
SS262			S	08:59		C	1
SS320			S	09:04		C	1
SS488			S	09:12		C	1
SS46			S	10:15		C	1
SS107			S	10:22		C	1
SS290			S	10:30		C	1

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Dakotah Cueto	Dawn	12/19 1545			
3		4			
5		6			

Revised Date: 06/25/2020 Rev. 2020.2





Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 505-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 2 of 3

Project Manager: Michael Wicker	Bill to: (if different)	Work Order Comments
Company Name: CETO	Company Name:	Program: ☐ UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
Address:	Address:	State of Project:
City, State ZIP:	City, State ZIP:	Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Phone: 616-970-8459	Email: mwicker@cetoconsult.com	Deliverables: EDD ☐ ADAPT ☐ Other:

Project Name:	Turn Around	Pres. Code	ANALYSIS REQUEST																Preservative Codes				
Project Number:	☐ Routine ☒ Rush																		None: NO DI Water: H ₂ O				
Project Location:	Due Date: 12-20-2024																		Cool: Cool MeOH: Me				
Sampler's Name:	TAT starts the day received by the lab, if received by 4:30pm																		HCL: HC HNO ₃				
PO #:																			H ₂ SO ₄ : H ₂ NaOH: Na				
SAMPLE RECEIPT			Temp Blank:			Yes	No	Wet Ice:	Yes	No												H ₃ PO ₄ : HP	
Samples Received Intact:			Yes	No	Thermometer ID:												NaHSO ₄ : NABIS						
Cooler Custody Seals:			Yes	No	N/A	Correction Factor:												Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Seals:			Yes	No	N/A	Temperature Reading:												Zn Acetate+NaOH: Zn					
Total Containers:						Corrected Temperature:												NaOH+Ascorbic Acid: SAPC					
Sample Identification		Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Sample Comments															
SS339		S	12/19/2024	10:37	Surf	C	1																
SS495		S		10:44		C	1																
SS129		S		11:07		C	1																
SS154		S		11:19		C	1																
SS504		S		11:40		C	1																
SS398		S		11:27		C	1																
SS183		S		11:34		C	1																
SS200		S		11:49		C	1																
SS435		S		11:53		C	1																
SS477		S		12:02		C	1																

Total 200.7 / 6010 200.8 / 6020:	8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Meta(s) to be analyzed	TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Notes: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. Dakota Ceto		2			
3		4			
5		6			

Revised Date: 08/25/2020 Rev. 2020.2

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3499
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 3 of 3

[illegible]

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Source: Eurofins Midland

List Number: 2

List Creation: 12/19/24 09:21 PM

Creator: Laing, Edmundo

Question	Answer	Comment
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time (excluding tests with immediate HTs)		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").		



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Michael Wicker
CDH Consulting
9446 Clermont St,
Thornton, Colorado 80229
Generated 12/20/2024 3:02:55 PM

JOB DESCRIPTION

CLOSE ENCOUNTER 301 H
BUCKEYE

JOB NUMBER

890-7492-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

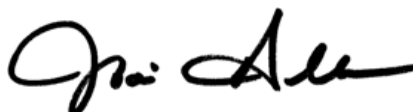
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
12/20/2024 3:02:55 PM

Authorized for release by
Jodi Allen, Project Manager I
Jodi.Allen@et.eurofinsus.com
(281)520-2865

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Laboratory Job ID: 890-7492-1
SDG: BUCKEYE

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Definitions/Glossary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1

Eurofins Carlsbad

Job Narrative
890-7492-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 12/19/2024 3:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 64 (890-7492-3), SS 80 (890-7492-4), SS 262 (890-7492-5), SS 320 (890-7492-6), SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11), SS 495 (890-7492-12), SS 129 (890-7492-13), SS 154 (890-7492-14), SS 504 (890-7492-15), SS 398 (890-7492-16), SS 183 (890-7492-17), SS 200 (890-7492-18), SS 435 (890-7492-19), SS 477 (890-7492-20), SS 176 (890-7492-21), SS 138 (890-7492-22) and SS 420 (890-7492-23).

GC VOA

Method 8021B: The following samples were diluted due to physical characteristics such as color, odor, appearance, viscosity, etc. >>: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 80 (890-7492-4), SS 262 (890-7492-5) and SS 320 (890-7492-6). Elevated reporting limits (RL) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 01 (890-7492-1), SS 20 (890-7492-2) and SS 64 (890-7492-3). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 398 (890-7492-16) and SS 200 (890-7492-18). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SS 176 (890-7492-21). Evidence of matrix interferences is not obvious.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11) and SS 495 (890-7492-12). Elevated reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 46 (890-7492-8), SS 290 (890-7492-10) and SS 495 (890-7492-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: SS 504 (890-7492-15). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-98402/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98402 and analytical batch 880-98425 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within

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Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1 (Continued)

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acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SS 262 (890-7492-5). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Due to the high concentration of Diesel Range Organics (Over C10-C28), the matrix spike (MS) for preparation batch 880-98403 and analytical batch 880-98427 could not be evaluated for accuracy. The associated matrix spike duplicate (MSD) met acceptance criteria.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SS 477 (890-7492-20), (LCS 880-98403/2-A) and (LCSD 880-98403/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The method blank for preparation batch 880-98404 and analytical batch 880-98430 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-98404/2-A) and (LCSD 880-98404/3-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-98404 and analytical batch 880-98430 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The laboratory control sample (LCS) for preparation batch 880-98403 and analytical batch 880-98427 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10. Since only an acceptable LCSD is required per the method, the LCSD shows recovery for the batch and the data has been qualified and reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98374 and analytical batch 880-98376 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01
Date Collected: 12/19/24 08:20
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-1
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0101	U	0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Ethylbenzene	0.0947		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Toluene	0.0306		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Xylenes, Total	1.81		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
m-Xylene & p-Xylene	0.0449		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
o-Xylene	1.77		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:24	12/20/24 11:51	20
1,4-Difluorobenzene (Surr)	124		70 - 130				12/20/24 08:24	12/20/24 11:51	20

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.94		0.0202		mg/Kg			12/20/24 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	287		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	287		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				12/19/24 21:26	12/20/24 12:09	1
o-Terphenyl	86		70 - 130				12/19/24 21:26	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17600		199		mg/Kg			12/20/24 10:49	20

Client Sample ID: SS 20
Date Collected: 12/19/24 08:36
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-2
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Ethylbenzene	0.0420		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Toluene	0.0216		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Xylenes, Total	0.350		0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
m-Xylene & p-Xylene	<0.0401	U	0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
o-Xylene	0.350		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				12/20/24 08:24	12/20/24 14:15	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	136	S1+	70 - 130	12/20/24 08:24	12/20/24 14:15	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.414		0.0401		mg/Kg			12/20/24 14:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	110		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	110		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				12/19/24 21:26	12/20/24 12:23	1
o-Terphenyl	77		70 - 130				12/19/24 21:26	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300	F1	49.9		mg/Kg			12/20/24 10:58	5

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Ethylbenzene	0.242		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Toluene	0.0581		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Xylenes, Total	0.781		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
m-Xylene & p-Xylene	0.189		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
o-Xylene	0.592		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20
1,4-Difluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.08		0.0795		mg/Kg			12/20/24 12:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	631		50.0		mg/Kg			12/20/24 09:40	1

Eurofins Carlsbad

Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Diesel Range Organics (Over C10-C28)	631	F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 09:40	1
o-Terphenyl	78		70 - 130				12/19/24 21:28	12/20/24 09:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3110		50.2		mg/Kg			12/20/24 11:54	5

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Ethylbenzene	0.0344		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Toluene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Xylenes, Total	0.680		0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
m-Xylene & p-Xylene	<0.0399	U	0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
o-Xylene	0.680		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				12/20/24 08:24	12/20/24 14:36	10
1,4-Difluorobenzene (Surr)	106		70 - 130				12/20/24 08:24	12/20/24 14:36	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.714		0.0399		mg/Kg			12/20/24 14:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	188		50.0		mg/Kg			12/20/24 10:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Diesel Range Organics (Over C10-C28)	188		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				12/19/24 21:28	12/20/24 10:24	1
o-Terphenyl	74		70 - 130				12/19/24 21:28	12/20/24 10:24	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3070		100		mg/Kg			12/20/24 11:30	10

Client Sample ID: SS 262

Lab Sample ID: 890-7492-5

Date Collected: 12/19/24 08:59

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Ethylbenzene	0.966		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Toluene	0.415		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Xylenes, Total	1.51		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
m-Xylene & p-Xylene	0.756		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
o-Xylene	0.754		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				12/20/24 08:24	12/20/24 13:14	50
1,4-Difluorobenzene (Surr)	122		70 - 130				12/20/24 08:24	12/20/24 13:14	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.89		0.202		mg/Kg			12/20/24 13:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	463		50.0		mg/Kg			12/20/24 10:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Diesel Range Organics (Over C10-C28)	463		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				12/19/24 21:28	12/20/24 10:38	1
o-Terphenyl	69	S1-	70 - 130				12/19/24 21:28	12/20/24 10:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4470		99.4		mg/Kg			12/20/24 11:48	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 320

Lab Sample ID: 890-7492-6

Date Collected: 12/19/24 09:04

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0503	U	0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Ethylbenzene	0.537		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Toluene	0.125		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Xylenes, Total	1.20		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
m-Xylene & p-Xylene	0.454		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
o-Xylene	0.746		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				12/20/24 08:24	12/20/24 13:34	25
1,4-Difluorobenzene (Surr)	126		70 - 130				12/20/24 08:24	12/20/24 13:34	25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.86		0.101		mg/Kg			12/20/24 13:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	876		49.7		mg/Kg			12/20/24 10:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Diesel Range Organics (Over C10-C28)	876		49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				12/19/24 21:28	12/20/24 10:53	1
o-Terphenyl	75		70 - 130				12/19/24 21:28	12/20/24 10:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3410		49.8		mg/Kg			12/20/24 11:59	5

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.199	U	0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Ethylbenzene	1.92		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Toluene	0.602		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Xylenes, Total	3.04		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
m-Xylene & p-Xylene	1.78		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
o-Xylene	1.26		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				12/20/24 08:27	12/20/24 12:24	100

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	100		70 - 130	12/20/24 08:27	12/20/24 12:24	100

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	5.56		0.398		mg/Kg			12/20/24 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2500		49.8		mg/Kg			12/20/24 11:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.7		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Diesel Range Organics (Over C10-C28)	2410		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:08	1
o-Terphenyl	95		70 - 130				12/19/24 21:28	12/20/24 11:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3680		49.6		mg/Kg			12/20/24 12:06	5

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.11		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Ethylbenzene	9.28		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Toluene	7.96		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Xylenes, Total	10.9		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
m-Xylene & p-Xylene	6.88		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
o-Xylene	4.05		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130				12/20/24 08:27	12/20/24 12:45	50
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:27	12/20/24 12:45	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	29.3		0.200		mg/Kg			12/20/24 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1330		49.9		mg/Kg			12/20/24 11:25	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	95.0		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Diesel Range Organics (Over C10-C28)	1230		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:25	1
o-Terphenyl	81		70 - 130				12/19/24 21:28	12/20/24 11:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5420		101		mg/Kg			12/20/24 12:11	10

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Ethylbenzene	1.52		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Toluene	0.807		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Xylenes, Total	4.70		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
m-Xylene & p-Xylene	3.88		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
o-Xylene	0.815		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				12/20/24 08:27	12/20/24 13:05	50
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:27	12/20/24 13:05	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	7.02		0.202		mg/Kg			12/20/24 13:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	60.0		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Diesel Range Organics (Over C10-C28)	1450		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:40	1
o-Terphenyl	86		70 - 130				12/19/24 21:28	12/20/24 11:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5250		99.4		mg/Kg			12/20/24 12:17	10

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.151		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Ethylbenzene	3.30		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Toluene	1.75		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Xylenes, Total	4.33		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
m-Xylene & p-Xylene	2.60		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
o-Xylene	1.73		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:27	12/20/24 13:25	50
1,4-Difluorobenzene (Surr)	100		70 - 130				12/20/24 08:27	12/20/24 13:25	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	9.53		0.201		mg/Kg			12/20/24 13:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2470		49.8		mg/Kg			12/20/24 11:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	129		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Diesel Range Organics (Over C10-C28)	2340		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				12/19/24 21:28	12/20/24 11:54	1
o-Terphenyl	105		70 - 130				12/19/24 21:28	12/20/24 11:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5400		99.8		mg/Kg			12/20/24 12:23	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.106		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Ethylbenzene	3.81		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Toluene	1.12		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Xylenes, Total	5.28		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
m-Xylene & p-Xylene	3.48		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
o-Xylene	1.80		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	12/20/24 08:27	12/20/24 13:46	50
1,4-Difluorobenzene (Surr)	99		70 - 130	12/20/24 08:27	12/20/24 13:46	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	10.3		0.200		mg/Kg			12/20/24 13:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3950		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	154		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	3800		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	12/19/24 21:28	12/20/24 12:09	1
o-Terphenyl	121		70 - 130	12/19/24 21:28	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4280		49.9		mg/Kg			12/20/24 12:29	5

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0994	U	0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Ethylbenzene	5.40		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Toluene	1.34		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Xylenes, Total	7.57		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
m-Xylene & p-Xylene	4.90		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
o-Xylene	2.67		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130	12/20/24 08:27	12/20/24 14:06	50

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	12/20/24 08:27	12/20/24 14:06	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	14.3		0.199		mg/Kg			12/20/24 14:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3070		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	177		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	2890		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:28	12/20/24 12:23	1
o-Terphenyl	108		70 - 130				12/19/24 21:28	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3660		49.6		mg/Kg			12/20/24 08:36	5

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Ethylbenzene	0.0238		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Toluene	0.00837		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Xylenes, Total	0.0306		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
m-Xylene & p-Xylene	0.0204		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
o-Xylene	0.0102		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	12/20/24 08:33	12/20/24 11:49	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/20/24 08:33	12/20/24 11:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0628		0.00404		mg/Kg			12/20/24 11:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	538		49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Diesel Range Organics (Over C10-C28)	538	F1	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 11:11	1
o-Terphenyl	79		70 - 130				12/19/24 21:30	12/20/24 11:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3350		50.0		mg/Kg			12/20/24 08:43	5

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Ethylbenzene	0.0475		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Toluene	0.0124		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Xylenes, Total	0.0632		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
m-Xylene & p-Xylene	0.0373		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
o-Xylene	0.0259		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				12/20/24 08:33	12/20/24 12:10	1
1,4-Difluorobenzene (Surr)	93		70 - 130				12/20/24 08:33	12/20/24 12:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.123		0.00401		mg/Kg			12/20/24 12:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2710		49.8		mg/Kg			12/20/24 12:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Diesel Range Organics (Over C10-C28)	2710		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 12:00	1
o-Terphenyl	120		70 - 130				12/19/24 21:30	12/20/24 12:00	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1710		50.3		mg/Kg			12/20/24 08:50	5

Client Sample ID: SS 504

Lab Sample ID: 890-7492-15

Date Collected: 12/19/24 11:40

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Ethylbenzene	0.563		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Toluene	0.173		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Xylenes, Total	0.464		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
m-Xylene & p-Xylene	0.290		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
o-Xylene	0.174		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				12/20/24 08:33	12/20/24 13:32	10
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:33	12/20/24 13:32	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.20		0.0398		mg/Kg			12/20/24 13:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 12:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Diesel Range Organics (Over C10-C28)	1510		50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				12/19/24 21:30	12/20/24 12:15	1
o-Terphenyl	97		70 - 130				12/19/24 21:30	12/20/24 12:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2990		50.0		mg/Kg			12/20/24 09:12	5

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 398

Lab Sample ID: 890-7492-16

Date Collected: 12/19/24 11:27

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0262		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Ethylbenzene	0.199		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Toluene	0.168		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Xylenes, Total	0.269		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
m-Xylene & p-Xylene	0.158		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
o-Xylene	0.111		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130				12/20/24 08:33	12/20/24 12:30	1
1,4-Difluorobenzene (Surr)	96		70 - 130				12/20/24 08:33	12/20/24 12:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.662		0.00399		mg/Kg			12/20/24 12:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3130		49.9		mg/Kg			12/20/24 12:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.1	*+	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Diesel Range Organics (Over C10-C28)	3040		49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				12/19/24 21:30	12/20/24 12:31	1
o-Terphenyl	120		70 - 130				12/19/24 21:30	12/20/24 12:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2960		50.1		mg/Kg			12/20/24 09:19	5

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Ethylbenzene	0.0487		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Toluene	0.00442		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Xylenes, Total	0.0402		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
m-Xylene & p-Xylene	0.0276		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
o-Xylene	0.0126		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				12/20/24 08:33	12/20/24 12:51	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	75		70 - 130	12/20/24 08:33	12/20/24 12:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0933		0.00404		mg/Kg			12/20/24 12:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	311		49.8		mg/Kg			12/20/24 12:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Diesel Range Organics (Over C10-C28)	311		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				12/19/24 21:30	12/20/24 12:47	1
o-Terphenyl	77		70 - 130				12/19/24 21:30	12/20/24 12:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.8		9.96		mg/Kg			12/20/24 09:26	1

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Ethylbenzene	0.191		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Toluene	0.110		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Xylenes, Total	0.265		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
m-Xylene & p-Xylene	0.156		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
o-Xylene	0.109		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130	12/20/24 08:33	12/20/24 13:11	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 13:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.566		0.00402		mg/Kg			12/20/24 13:11	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2050		49.9		mg/Kg			12/20/24 13:03	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Diesel Range Organics (Over C10-C28)	2050		49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				12/19/24 21:30	12/20/24 13:03	1
o-Terphenyl	106		70 - 130				12/19/24 21:30	12/20/24 13:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	930		10.0		mg/Kg			12/20/24 09:33	1

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Ethylbenzene	0.00665		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Toluene	0.00205		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Xylenes, Total	0.0105		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
m-Xylene & p-Xylene	0.00628		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
o-Xylene	0.00418		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				12/20/24 08:30	12/20/24 12:07	1
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 12:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0192		0.00404		mg/Kg			12/20/24 12:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	601		49.7		mg/Kg			12/20/24 13:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U **	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Diesel Range Organics (Over C10-C28)	601		49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				12/19/24 21:30	12/20/24 13:20	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 13:20	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3030		49.7		mg/Kg			12/20/24 09:40	5

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Xylenes, Total	0.133		0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
o-Xylene	0.133		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				12/20/24 08:30	12/20/24 12:27	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/20/24 08:30	12/20/24 12:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.133		0.00401		mg/Kg			12/20/24 12:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/20/24 13:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 13:36	1
o-Terphenyl	66	S1-	70 - 130				12/19/24 21:30	12/20/24 13:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		10.0		mg/Kg			12/20/24 09:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 176
Date Collected: 12/19/24 12:07
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-21
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Ethylbenzene	0.950		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Toluene	0.199		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Xylenes, Total	1.58		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
m-Xylene & p-Xylene	0.943		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
o-Xylene	0.636		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	193	S1+	70 - 130				12/20/24 08:30	12/20/24 13:28	10
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 13:28	10

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.73		0.0398		mg/Kg			12/20/24 13:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2110		49.8		mg/Kg			12/20/24 13:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Diesel Range Organics (Over C10-C28)	2110		49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:30	12/20/24 13:52	1
o-Terphenyl	112		70 - 130				12/19/24 21:30	12/20/24 13:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	812		9.98		mg/Kg			12/20/24 10:09	1

Client Sample ID: SS 138
Date Collected: 12/19/24 12:17
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-22
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Ethylbenzene	0.0120		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Toluene	0.00377		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Xylenes, Total	0.0233		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
m-Xylene & p-Xylene	0.0102		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
o-Xylene	0.0131		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				12/20/24 08:30	12/20/24 12:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130	12/20/24 08:30	12/20/24 12:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0391		0.00399		mg/Kg			12/20/24 12:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	573		49.8		mg/Kg			12/20/24 14:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Diesel Range Organics (Over C10-C28)	573		49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 14:07	1
o-Terphenyl	78		70 - 130				12/19/24 21:30	12/20/24 14:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2650		50.1		mg/Kg			12/20/24 10:16	5

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Xylenes, Total	0.0889		0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
o-Xylene	0.0889		0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	12/20/24 08:30	12/20/24 13:08	1
1,4-Difluorobenzene (Surr)	91		70 - 130	12/20/24 08:30	12/20/24 13:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0889		0.00404		mg/Kg			12/20/24 13:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 420
Date Collected: 12/19/24 12:22
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-23
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	104		70 - 130				12/19/24 21:32	12/20/24 11:11	1	
o-Terphenyl	109		70 - 130				12/19/24 21:32	12/20/24 11:11	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	162		9.94		mg/Kg			12/20/24 10:38	1	

Surrogate Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-7492-1	SS 01	131 S1+	124
890-7492-2	SS 20	128	136 S1+
890-7492-3	SS 64	137 S1+	131 S1+
890-7492-4	SS 80	144 S1+	106
890-7492-5	SS 262	125	122
890-7492-6	SS 320	126	126
890-7492-7	SS 488	106	100
890-7492-8	SS 46	171 S1+	94
890-7492-9	SS 107	107	101
890-7492-10	SS 290	131 S1+	100
890-7492-11	SS 339	122	99
890-7492-12	SS 495	139 S1+	104
890-7492-13	SS 129	109	95
890-7492-14	SS 154	99	93
890-7492-15	SS 504	110	94
890-7492-16	SS 398	141 S1+	96
890-7492-17	SS 183	88	75
890-7492-18	SS 200	159 S1+	93
890-7492-19	SS 435	113	104
890-7492-20	SS 477	98	95
890-7492-21	SS 176	193 S1+	104
890-7492-22	SS 138	115	103
890-7492-23	SS 420	95	91
LCS 880-98432/1-A	Lab Control Sample	101	96
LCS 880-98433/1-A	Lab Control Sample	96	103
LCS 880-98434/1-A	Lab Control Sample	107	104
LCS 880-98435/1-A	Lab Control Sample	106	99
LCSD 880-98432/2-A	Lab Control Sample Dup	103	99
LCSD 880-98433/2-A	Lab Control Sample Dup	94	103
LCSD 880-98434/2-A	Lab Control Sample Dup	109	103
LCSD 880-98435/2-A	Lab Control Sample Dup	108	98
MB 880-98432/5-A	Method Blank	112	85
MB 880-98433/5-A	Method Blank	98	96
MB 880-98434/5-A	Method Blank	111	101
MB 880-98435/5-A	Method Blank	92	93
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-1	SS 01	83	86
890-7492-2	SS 20	76	77
890-7492-3	SS 64	75	78
890-7492-3 MS	SS 64	78	76

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Surrogate Summary

Client: CDH Consulting

Job ID: 890-7492-1

Project/Site: CLOSE ENCOUNTER 301 H

SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-3 MSD	SS 64	77	76
890-7492-4	SS 80	73	74
890-7492-5	SS 262	70	69 S1-
890-7492-6	SS 320	74	75
890-7492-7	SS 488	75	95
890-7492-8	SS 46	75	81
890-7492-9	SS 107	75	86
890-7492-10	SS 290	85	105
890-7492-11	SS 339	84	121
890-7492-12	SS 495	88	108
890-7492-13	SS 129	84	79
890-7492-13 MS	SS 129	80	81
890-7492-13 MSD	SS 129	79	81
890-7492-14	SS 154	84	120
890-7492-15	SS 504	92	97
890-7492-16	SS 398	85	120
890-7492-17	SS 183	87	77
890-7492-18	SS 200	82	106
890-7492-19	SS 435	77	74
890-7492-20	SS 477	81	66 S1-
890-7492-21	SS 176	88	112
890-7492-22	SS 138	81	78
890-7492-23	SS 420	104	109
890-7492-23 MS	SS 420	92	99
890-7492-23 MSD	SS 420	92	99
LCS 880-98401/2-A	Lab Control Sample	118	102
LCS 880-98402/2-A	Lab Control Sample	121	104
LCS 880-98403/2-A	Lab Control Sample	136 S1+	123
LCS 880-98404/2-A	Lab Control Sample	158 S1+	172 S1+
LCSD 880-98401/3-A	Lab Control Sample Dup	110	95
LCSD 880-98402/3-A	Lab Control Sample Dup	145 S1+	123
LCSD 880-98403/3-A	Lab Control Sample Dup	133 S1+	120
LCSD 880-98404/3-A	Lab Control Sample Dup	166 S1+	175 S1+
MB 880-98401/1-A	Method Blank	81	80
MB 880-98402/1-A	Method Blank	75	75
MB 880-98403/1-A	Method Blank	91	74
MB 880-98404/1-A	Method Blank	93	96
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-98432/5-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	12/20/24 08:24	12/20/24 11:08	1
1,4-Difluorobenzene (Surr)	85		70 - 130	12/20/24 08:24	12/20/24 11:08	1

Lab Sample ID: LCS 880-98432/1-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1137		mg/Kg		114	70 - 130
Ethylbenzene	0.100	0.1107		mg/Kg		111	70 - 130
Toluene	0.100	0.1082		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2221		mg/Kg		111	70 - 130
o-Xylene	0.100	0.1128		mg/Kg		113	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-98432/2-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1182		mg/Kg		118	70 - 130	4	35
Ethylbenzene	0.100	0.1145		mg/Kg		114	70 - 130	3	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2282		mg/Kg		114	70 - 130	3	35
o-Xylene	0.100	0.1165		mg/Kg		117	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	12/20/24 08:27	12/20/24 11:02	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:27	12/20/24 11:02	1

Lab Sample ID: LCS 880-98433/1-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1001		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09410		mg/Kg		94	70 - 130
Toluene	0.100	0.09371		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1885		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09536		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-98433/2-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1048		mg/Kg		105	70 - 130	5	35
Ethylbenzene	0.100	0.09886		mg/Kg		99	70 - 130	5	35
Toluene	0.100	0.09817		mg/Kg		98	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1969		mg/Kg		98	70 - 130	4	35
o-Xylene	0.100	0.09974		mg/Kg		100	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	111		70 - 130	12/20/24 08:30	12/20/24 11:25	1
1,4-Difluorobenzene (Surr)	101		70 - 130	12/20/24 08:30	12/20/24 11:25	1

Lab Sample ID: LCS 880-98434/1-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.1149		mg/Kg		115	70 - 130
Ethylbenzene	0.100	0.1100		mg/Kg		110	70 - 130
Toluene	0.100	0.1116		mg/Kg		112	70 - 130
m-Xylene & p-Xylene	0.200	0.2234		mg/Kg		112	70 - 130
o-Xylene	0.100	0.1142		mg/Kg		114	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: LCSD 880-98434/2-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.1162		mg/Kg		116	70 - 130	1	35
Ethylbenzene	0.100	0.1102		mg/Kg		110	70 - 130	0	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2247		mg/Kg		112	70 - 130	1	35
o-Xylene	0.100	0.1148		mg/Kg		115	70 - 130	1	35

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-98435/5-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98435

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac		
4-Bromofluorobenzene (Surr)	92		70 - 130	12/20/24 08:33	12/20/24 11:07	1			
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 11:07	1			

Lab Sample ID: LCS 880-98435/1-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1025		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.1037		mg/Kg		104	70 - 130
Toluene	0.100	0.1077		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2015		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1117		mg/Kg		112	70 - 130

	LCS	LCS		
Surrogate	%Recovery	Qualifier	Limits	
4-Bromofluorobenzene (Surr)	106		70 - 130	
1,4-Difluorobenzene (Surr)	99		70 - 130	

Lab Sample ID: LCSD 880-98435/2-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1068		mg/Kg		107	70 - 130	4	35
Ethylbenzene	0.100	0.1065		mg/Kg		107	70 - 130	3	35
Toluene	0.100	0.1103		mg/Kg		110	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2041		mg/Kg		102	70 - 130	1	35
o-Xylene	0.100	0.1136		mg/Kg		114	70 - 130	2	35

	LCSD	LCSD		
Surrogate	%Recovery	Qualifier	Limits	
4-Bromofluorobenzene (Surr)	108		70 - 130	
1,4-Difluorobenzene (Surr)	98		70 - 130	

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-98401/1-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98401

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	

	MB	MB		
Surrogate	%Recovery	Qualifier	Limits	
1-Chlorooctane	81		70 - 130	
o-Terphenyl	80		70 - 130	

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98401/2-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98401

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1058		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	960.9		mg/Kg		96	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	118		70 - 130				
o-Terphenyl	102		70 - 130				

Lab Sample ID: LCSD 880-98401/3-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98401

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1005		mg/Kg		101	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	903.5		mg/Kg		90	70 - 130	6	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	110		70 - 130						
o-Terphenyl	95		70 - 130						

Lab Sample ID: MB 880-98402/1-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98402

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1-Chlorooctane	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	
o-Terphenyl	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	

Lab Sample ID: LCS 880-98402/2-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1061		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1028		mg/Kg		103	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98402/2-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98402

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: LCSD 880-98402/3-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98402

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1288		mg/Kg		129	70 - 130	19	20
Diesel Range Organics (Over C10-C28)			1000	1231		mg/Kg		123	70 - 130	18	20
Surrogate	LCSD	LCSD									
	%Recovery	Qualifier									
1-Chlorooctane	145	S1+									
o-Terphenyl	123										

Lab Sample ID: 890-7492-3 MS
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: SS 64
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	665.3	F1	mg/Kg		67	70 - 130		
Diesel Range Organics (Over C10-C28)	631	F1	998	1155	F1	mg/Kg		53	70 - 130		
Surrogate	MS	MS									
	%Recovery	Qualifier									
1-Chlorooctane	78										
o-Terphenyl	76										

Lab Sample ID: 890-7492-3 MSD
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: SS 64
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	660.4	F1	mg/Kg		66	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	631	F1	998	1141	F1	mg/Kg		51	70 - 130	1	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier									
1-Chlorooctane	77										
o-Terphenyl	76										

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-98403/1-A							Client Sample ID: Method Blank		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 98427							Prep Batch: 98403		
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				12/19/24 21:30	12/20/24 09:12	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 09:12	1

Lab Sample ID: LCS 880-98403/2-A							Client Sample ID: Lab Control Sample		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 98427							Prep Batch: 98403		
Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Gasoline Range Organics (GRO)-C6-C10		1000	1333	*+	mg/Kg		133	70 - 130	
Diesel Range Organics (Over C10-C28)		1000	1178		mg/Kg		118	70 - 130	
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	136	S1+	70 - 130						
o-Terphenyl	123		70 - 130						

Lab Sample ID: LCSD 880-98403/3-A							Client Sample ID: Lab Control Sample Dup			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 98427							Prep Batch: 98403			
Analyte		Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10		1000	1180		mg/Kg		118	70 - 130	12	20
Diesel Range Organics (Over C10-C28)		1000	1166		mg/Kg		117	70 - 130	1	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits							
1-Chlorooctane	133	S1+	70 - 130							
o-Terphenyl	120		70 - 130							

Lab Sample ID: 890-7492-13 MS							Client Sample ID: SS 129		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 98427							Prep Batch: 98403		
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	997	729.6		mg/Kg		73	70 - 130
Diesel Range Organics (Over C10-C28)	538	F1	997	1207	F1	mg/Kg		67	70 - 130

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	80		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: 890-7492-13 MSD

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	997	855.4		mg/Kg		86	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	538	F1	997	1282		mg/Kg		75	70 - 130	6	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	79		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: MB 880-98404/1-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98404

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	93		70 - 130	12/19/24 21:32	12/20/24 09:12	1			
o-Terphenyl	96		70 - 130	12/19/24 21:32	12/20/24 09:12	1			

Lab Sample ID: LCS 880-98404/2-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1398	*+	mg/Kg		140	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1468	*+	mg/Kg		147	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	158	S1+	70 - 130
o-Terphenyl	172	S1+	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-98404/3-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1465	*+	mg/Kg		147	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	1590	*+	mg/Kg		159	70 - 130	8	20
		LCSD	LCSD						
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane	166	S1+	70 - 130						
o-Terphenyl	175	S1+	70 - 130						

Lab Sample ID: 890-7492-23 MS

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: SS 420

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	781.1		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	867.3		mg/Kg		84	70 - 130		
		MS	MS								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Lab Sample ID: 890-7492-23 MSD

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: SS 420

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	804.1		mg/Kg		80	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	863.1		mg/Kg		84	70 - 130	0	20
		MSD	MSD								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-98374/1-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 08:34	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-98374/2-A
Matrix: Solid
Analysis Batch: 98376

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.6		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-98374/3-A
Matrix: Solid
Analysis Batch: 98376

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	245.0		mg/Kg		98	90 - 110	2	20

Lab Sample ID: 890-7492-2 MS
Matrix: Solid
Analysis Batch: 98376

Client Sample ID: SS 20
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1300	F1	1250	3073	F1	mg/Kg		142	90 - 110

Lab Sample ID: 890-7492-2 MSD
Matrix: Solid
Analysis Batch: 98376

Client Sample ID: SS 20
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1300	F1	1250	3070	F1	mg/Kg		142	90 - 110	0	20

Lab Sample ID: MB 880-98373/1-A
Matrix: Solid
Analysis Batch: 98377

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 03:00	1

Lab Sample ID: LCS 880-98373/2-A
Matrix: Solid
Analysis Batch: 98377

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	258.6		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-98373/3-A
Matrix: Solid
Analysis Batch: 98377

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	257.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-7492-20 MS
Matrix: Solid
Analysis Batch: 98377

Client Sample ID: SS 477
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	126		257	387.5		mg/Kg		102	90 - 110

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-7492-20 MSD							Client Sample ID: SS 477					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 98377												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	126		248	372.8		mg/Kg		100	90 - 110	4	20	

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA

Analysis Batch: 98350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-2	SS 20	Total/NA	Solid	8021B	98432
890-7492-3	SS 64	Total/NA	Solid	8021B	98432
890-7492-4	SS 80	Total/NA	Solid	8021B	98432
890-7492-5	SS 262	Total/NA	Solid	8021B	98432
890-7492-6	SS 320	Total/NA	Solid	8021B	98432
MB 880-98432/5-A	Method Blank	Total/NA	Solid	8021B	98432
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	8021B	98432
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98432

Analysis Batch: 98351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	8021B	98433
890-7492-8	SS 46	Total/NA	Solid	8021B	98433
890-7492-9	SS 107	Total/NA	Solid	8021B	98433
890-7492-10	SS 290	Total/NA	Solid	8021B	98433
890-7492-11	SS 339	Total/NA	Solid	8021B	98433
890-7492-12	SS 495	Total/NA	Solid	8021B	98433
MB 880-98433/5-A	Method Blank	Total/NA	Solid	8021B	98433
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	8021B	98433
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98433

Analysis Batch: 98352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	8021B	98434
890-7492-20	SS 477	Total/NA	Solid	8021B	98434
890-7492-21	SS 176	Total/NA	Solid	8021B	98434
890-7492-22	SS 138	Total/NA	Solid	8021B	98434
890-7492-23	SS 420	Total/NA	Solid	8021B	98434
MB 880-98434/5-A	Method Blank	Total/NA	Solid	8021B	98434
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	8021B	98434
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98434

Analysis Batch: 98353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8021B	98435
890-7492-14	SS 154	Total/NA	Solid	8021B	98435
890-7492-15	SS 504	Total/NA	Solid	8021B	98435
890-7492-16	SS 398	Total/NA	Solid	8021B	98435
890-7492-17	SS 183	Total/NA	Solid	8021B	98435
890-7492-18	SS 200	Total/NA	Solid	8021B	98435
MB 880-98435/5-A	Method Blank	Total/NA	Solid	8021B	98435
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	8021B	98435
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98435

Prep Batch: 98432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	5035	
890-7492-2	SS 20	Total/NA	Solid	5035	
890-7492-3	SS 64	Total/NA	Solid	5035	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Prep Batch: 98432 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-4	SS 80	Total/NA	Solid	5035	
890-7492-5	SS 262	Total/NA	Solid	5035	
890-7492-6	SS 320	Total/NA	Solid	5035	
MB 880-98432/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	5035	
890-7492-8	SS 46	Total/NA	Solid	5035	
890-7492-9	SS 107	Total/NA	Solid	5035	
890-7492-10	SS 290	Total/NA	Solid	5035	
890-7492-11	SS 339	Total/NA	Solid	5035	
890-7492-12	SS 495	Total/NA	Solid	5035	
MB 880-98433/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	5035	
890-7492-20	SS 477	Total/NA	Solid	5035	
890-7492-21	SS 176	Total/NA	Solid	5035	
890-7492-22	SS 138	Total/NA	Solid	5035	
890-7492-23	SS 420	Total/NA	Solid	5035	
MB 880-98434/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	5035	
890-7492-14	SS 154	Total/NA	Solid	5035	
890-7492-15	SS 504	Total/NA	Solid	5035	
890-7492-16	SS 398	Total/NA	Solid	5035	
890-7492-17	SS 183	Total/NA	Solid	5035	
890-7492-18	SS 200	Total/NA	Solid	5035	
MB 880-98435/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 98498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	Total BTEX	
890-7492-2	SS 20	Total/NA	Solid	Total BTEX	
890-7492-3	SS 64	Total/NA	Solid	Total BTEX	
890-7492-4	SS 80	Total/NA	Solid	Total BTEX	
890-7492-5	SS 262	Total/NA	Solid	Total BTEX	
890-7492-6	SS 320	Total/NA	Solid	Total BTEX	
890-7492-7	SS 488	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Analysis Batch: 98498 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-8	SS 46	Total/NA	Solid	Total BTEX	
890-7492-9	SS 107	Total/NA	Solid	Total BTEX	
890-7492-10	SS 290	Total/NA	Solid	Total BTEX	
890-7492-11	SS 339	Total/NA	Solid	Total BTEX	
890-7492-12	SS 495	Total/NA	Solid	Total BTEX	
890-7492-13	SS 129	Total/NA	Solid	Total BTEX	
890-7492-14	SS 154	Total/NA	Solid	Total BTEX	
890-7492-15	SS 504	Total/NA	Solid	Total BTEX	
890-7492-16	SS 398	Total/NA	Solid	Total BTEX	
890-7492-17	SS 183	Total/NA	Solid	Total BTEX	
890-7492-18	SS 200	Total/NA	Solid	Total BTEX	
890-7492-19	SS 435	Total/NA	Solid	Total BTEX	
890-7492-20	SS 477	Total/NA	Solid	Total BTEX	
890-7492-21	SS 176	Total/NA	Solid	Total BTEX	
890-7492-22	SS 138	Total/NA	Solid	Total BTEX	
890-7492-23	SS 420	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 98401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015NM Prep	
890-7492-2	SS 20	Total/NA	Solid	8015NM Prep	
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 98402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-4	SS 80	Total/NA	Solid	8015NM Prep	
890-7492-5	SS 262	Total/NA	Solid	8015NM Prep	
890-7492-6	SS 320	Total/NA	Solid	8015NM Prep	
890-7492-7	SS 488	Total/NA	Solid	8015NM Prep	
890-7492-8	SS 46	Total/NA	Solid	8015NM Prep	
890-7492-9	SS 107	Total/NA	Solid	8015NM Prep	
890-7492-10	SS 290	Total/NA	Solid	8015NM Prep	
890-7492-11	SS 339	Total/NA	Solid	8015NM Prep	
890-7492-12	SS 495	Total/NA	Solid	8015NM Prep	
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-3 MS	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-3 MSD	SS 64	Total/NA	Solid	8015NM Prep	

Prep Batch: 98403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-14	SS 154	Total/NA	Solid	8015NM Prep	
890-7492-15	SS 504	Total/NA	Solid	8015NM Prep	
890-7492-16	SS 398	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Prep Batch: 98403 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-17	SS 183	Total/NA	Solid	8015NM Prep	
890-7492-18	SS 200	Total/NA	Solid	8015NM Prep	
890-7492-19	SS 435	Total/NA	Solid	8015NM Prep	
890-7492-20	SS 477	Total/NA	Solid	8015NM Prep	
890-7492-21	SS 176	Total/NA	Solid	8015NM Prep	
890-7492-22	SS 138	Total/NA	Solid	8015NM Prep	
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-13 MS	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-13 MSD	SS 129	Total/NA	Solid	8015NM Prep	

Prep Batch: 98404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015NM Prep	
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-23 MS	SS 420	Total/NA	Solid	8015NM Prep	
890-7492-23 MSD	SS 420	Total/NA	Solid	8015NM Prep	

Analysis Batch: 98423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015B NM	98401
890-7492-2	SS 20	Total/NA	Solid	8015B NM	98401
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015B NM	98401
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98401
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98401

Analysis Batch: 98425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-4	SS 80	Total/NA	Solid	8015B NM	98402
890-7492-5	SS 262	Total/NA	Solid	8015B NM	98402
890-7492-6	SS 320	Total/NA	Solid	8015B NM	98402
890-7492-7	SS 488	Total/NA	Solid	8015B NM	98402
890-7492-8	SS 46	Total/NA	Solid	8015B NM	98402
890-7492-9	SS 107	Total/NA	Solid	8015B NM	98402
890-7492-10	SS 290	Total/NA	Solid	8015B NM	98402
890-7492-11	SS 339	Total/NA	Solid	8015B NM	98402
890-7492-12	SS 495	Total/NA	Solid	8015B NM	98402
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015B NM	98402
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98402
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98402
890-7492-3 MS	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-3 MSD	SS 64	Total/NA	Solid	8015B NM	98402

Analysis Batch: 98427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-14	SS 154	Total/NA	Solid	8015B NM	98403

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Analysis Batch: 98427 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-15	SS 504	Total/NA	Solid	8015B NM	98403
890-7492-16	SS 398	Total/NA	Solid	8015B NM	98403
890-7492-17	SS 183	Total/NA	Solid	8015B NM	98403
890-7492-18	SS 200	Total/NA	Solid	8015B NM	98403
890-7492-19	SS 435	Total/NA	Solid	8015B NM	98403
890-7492-20	SS 477	Total/NA	Solid	8015B NM	98403
890-7492-21	SS 176	Total/NA	Solid	8015B NM	98403
890-7492-22	SS 138	Total/NA	Solid	8015B NM	98403
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015B NM	98403
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98403
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98403
890-7492-13 MS	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-13 MSD	SS 129	Total/NA	Solid	8015B NM	98403

Analysis Batch: 98430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015B NM	98404
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015B NM	98404
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98404
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98404
890-7492-23 MS	SS 420	Total/NA	Solid	8015B NM	98404
890-7492-23 MSD	SS 420	Total/NA	Solid	8015B NM	98404

Analysis Batch: 98523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015 NM	
890-7492-2	SS 20	Total/NA	Solid	8015 NM	
890-7492-3	SS 64	Total/NA	Solid	8015 NM	
890-7492-4	SS 80	Total/NA	Solid	8015 NM	
890-7492-5	SS 262	Total/NA	Solid	8015 NM	
890-7492-6	SS 320	Total/NA	Solid	8015 NM	
890-7492-7	SS 488	Total/NA	Solid	8015 NM	
890-7492-8	SS 46	Total/NA	Solid	8015 NM	
890-7492-9	SS 107	Total/NA	Solid	8015 NM	
890-7492-10	SS 290	Total/NA	Solid	8015 NM	
890-7492-11	SS 339	Total/NA	Solid	8015 NM	
890-7492-12	SS 495	Total/NA	Solid	8015 NM	
890-7492-13	SS 129	Total/NA	Solid	8015 NM	
890-7492-14	SS 154	Total/NA	Solid	8015 NM	
890-7492-15	SS 504	Total/NA	Solid	8015 NM	
890-7492-16	SS 398	Total/NA	Solid	8015 NM	
890-7492-17	SS 183	Total/NA	Solid	8015 NM	
890-7492-18	SS 200	Total/NA	Solid	8015 NM	
890-7492-19	SS 435	Total/NA	Solid	8015 NM	
890-7492-20	SS 477	Total/NA	Solid	8015 NM	
890-7492-21	SS 176	Total/NA	Solid	8015 NM	
890-7492-22	SS 138	Total/NA	Solid	8015 NM	
890-7492-23	SS 420	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC

Leach Batch: 98373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	DI Leach	
890-7492-13	SS 129	Soluble	Solid	DI Leach	
890-7492-14	SS 154	Soluble	Solid	DI Leach	
890-7492-15	SS 504	Soluble	Solid	DI Leach	
890-7492-16	SS 398	Soluble	Solid	DI Leach	
890-7492-17	SS 183	Soluble	Solid	DI Leach	
890-7492-18	SS 200	Soluble	Solid	DI Leach	
890-7492-19	SS 435	Soluble	Solid	DI Leach	
890-7492-20	SS 477	Soluble	Solid	DI Leach	
890-7492-21	SS 176	Soluble	Solid	DI Leach	
890-7492-22	SS 138	Soluble	Solid	DI Leach	
890-7492-23	SS 420	Soluble	Solid	DI Leach	
MB 880-98373/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-20 MS	SS 477	Soluble	Solid	DI Leach	
890-7492-20 MSD	SS 477	Soluble	Solid	DI Leach	

Leach Batch: 98374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	DI Leach	
890-7492-2	SS 20	Soluble	Solid	DI Leach	
890-7492-3	SS 64	Soluble	Solid	DI Leach	
890-7492-4	SS 80	Soluble	Solid	DI Leach	
890-7492-5	SS 262	Soluble	Solid	DI Leach	
890-7492-6	SS 320	Soluble	Solid	DI Leach	
890-7492-7	SS 488	Soluble	Solid	DI Leach	
890-7492-8	SS 46	Soluble	Solid	DI Leach	
890-7492-9	SS 107	Soluble	Solid	DI Leach	
890-7492-10	SS 290	Soluble	Solid	DI Leach	
890-7492-11	SS 339	Soluble	Solid	DI Leach	
MB 880-98374/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-2 MS	SS 20	Soluble	Solid	DI Leach	
890-7492-2 MSD	SS 20	Soluble	Solid	DI Leach	

Analysis Batch: 98376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	300.0	98374
890-7492-2	SS 20	Soluble	Solid	300.0	98374
890-7492-3	SS 64	Soluble	Solid	300.0	98374
890-7492-4	SS 80	Soluble	Solid	300.0	98374
890-7492-5	SS 262	Soluble	Solid	300.0	98374
890-7492-6	SS 320	Soluble	Solid	300.0	98374
890-7492-7	SS 488	Soluble	Solid	300.0	98374
890-7492-8	SS 46	Soluble	Solid	300.0	98374
890-7492-9	SS 107	Soluble	Solid	300.0	98374
890-7492-10	SS 290	Soluble	Solid	300.0	98374
890-7492-11	SS 339	Soluble	Solid	300.0	98374
MB 880-98374/1-A	Method Blank	Soluble	Solid	300.0	98374

Eurofins Carlsbad

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC (Continued)

Analysis Batch: 98376 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	300.0	98374
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98374
890-7492-2 MS	SS 20	Soluble	Solid	300.0	98374
890-7492-2 MSD	SS 20	Soluble	Solid	300.0	98374

Analysis Batch: 98377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	300.0	98373
890-7492-13	SS 129	Soluble	Solid	300.0	98373
890-7492-14	SS 154	Soluble	Solid	300.0	98373
890-7492-15	SS 504	Soluble	Solid	300.0	98373
890-7492-16	SS 398	Soluble	Solid	300.0	98373
890-7492-17	SS 183	Soluble	Solid	300.0	98373
890-7492-18	SS 200	Soluble	Solid	300.0	98373
890-7492-19	SS 435	Soluble	Solid	300.0	98373
890-7492-20	SS 477	Soluble	Solid	300.0	98373
890-7492-21	SS 176	Soluble	Solid	300.0	98373
890-7492-22	SS 138	Soluble	Solid	300.0	98373
890-7492-23	SS 420	Soluble	Solid	300.0	98373
MB 880-98373/1-A	Method Blank	Soluble	Solid	300.0	98373
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	300.0	98373
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98373
890-7492-20 MS	SS 477	Soluble	Solid	300.0	98373
890-7492-20 MSD	SS 477	Soluble	Solid	300.0	98373

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01
Date Collected: 12/19/24 08:20
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 11:51
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		5	98350	MNR	EET MID	12/20/24 13:55
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:55
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		20	98376	CH	EET MID	12/20/24 10:49

Client Sample ID: SS 20
Date Collected: 12/19/24 08:36
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:15
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:15
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 10:58

Client Sample ID: SS 64
Date Collected: 12/19/24 08:47
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 12:33
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:33
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 09:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 09:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:54

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80
Date Collected: 12/19/24 08:53
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:36
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:36
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:24
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:24
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:30

Client Sample ID: SS 262
Date Collected: 12/19/24 08:59
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		50	98350	MNR	EET MID	12/20/24 13:14
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:14
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:38
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:38
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:48

Client Sample ID: SS 320
Date Collected: 12/19/24 09:04
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		25	98350	MNR	EET MID	12/20/24 13:34
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:34
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:53
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:53
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:59

Client Sample ID: SS 488
Date Collected: 12/19/24 09:12
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		100	98351	MNR	EET MID	12/20/24 12:24
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:24

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488

Date Collected: 12/19/24 09:12

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:08
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:08
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:06

Client Sample ID: SS 46

Date Collected: 12/19/24 10:15

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 12:45
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:45
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:25
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:25
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:11

Client Sample ID: SS 107

Date Collected: 12/19/24 10:22

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:05
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:05
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:17

Client Sample ID: SS 290

Date Collected: 12/19/24 10:30

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:25
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:25
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:54
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:54

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 290**Lab Sample ID: 890-7492-10****Date Collected: 12/19/24 10:30****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:23

Client Sample ID: SS 339**Lab Sample ID: 890-7492-11****Date Collected: 12/19/24 10:37****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:46
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:46
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:29

Client Sample ID: SS 495**Lab Sample ID: 890-7492-12****Date Collected: 12/19/24 10:44****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 14:06
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:06
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:36

Client Sample ID: SS 129**Lab Sample ID: 890-7492-13****Date Collected: 12/19/24 11:07****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 11:49
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 11:49
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:43

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154
Date Collected: 12/19/24 11:19
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:10
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:10
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:00
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:00
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:50

Client Sample ID: SS 504
Date Collected: 12/19/24 11:40
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		10	98353	MNR	EET MID	12/20/24 13:32
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:32
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:15
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:15
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:12

Client Sample ID: SS 398
Date Collected: 12/19/24 11:27
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:30
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:30
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:31
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:31
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:19

Client Sample ID: SS 183
Date Collected: 12/19/24 11:44
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:51
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:51

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Date Collected: 12/19/24 11:44

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:47
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:47
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:26

Client Sample ID: SS 200

Date Collected: 12/19/24 11:49

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 13:11
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:11
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:03
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:03
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:33

Client Sample ID: SS 435

Date Collected: 12/19/24 11:53

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-19

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:07
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:07
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:20
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:20
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:40

Client Sample ID: SS 477

Date Collected: 12/19/24 12:02

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:27
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:27
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:36
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:36

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:48

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		10	98352	MNR	EET MID	12/20/24 13:28
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:28
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:52
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:52
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:09

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:48
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:48
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 14:07
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 14:07
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 10:16

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 13:08
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:08
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98404	EL	EET MID	12/19/24 21:32
Total/NA	Analysis	8015B NM		1	98430	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:38

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

- 1
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- 6
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- 14

Accreditation/Certification Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7492-1	SS 01	Solid	12/19/24 08:20	12/19/24 15:45	- SURFACE
890-7492-2	SS 20	Solid	12/19/24 08:36	12/19/24 15:45	- SURFACE
890-7492-3	SS 64	Solid	12/19/24 08:47	12/19/24 15:45	- SURFACE
890-7492-4	SS 80	Solid	12/19/24 08:53	12/19/24 15:45	- SURFACE
890-7492-5	SS 262	Solid	12/19/24 08:59	12/19/24 15:45	- SURFACE
890-7492-6	SS 320	Solid	12/19/24 09:04	12/19/24 15:45	- SURFACE
890-7492-7	SS 488	Solid	12/19/24 09:12	12/19/24 15:45	- SURFACE
890-7492-8	SS 46	Solid	12/19/24 10:15	12/19/24 15:45	- SURFACE
890-7492-9	SS 107	Solid	12/19/24 10:22	12/19/24 15:45	- SURFACE
890-7492-10	SS 290	Solid	12/19/24 10:30	12/19/24 15:45	- SURFACE
890-7492-11	SS 339	Solid	12/19/24 10:37	12/19/24 15:45	- SURFACE
890-7492-12	SS 495	Solid	12/19/24 10:44	12/19/24 15:45	- SURFACE
890-7492-13	SS 129	Solid	12/19/24 11:07	12/19/24 15:45	- SURFACE
890-7492-14	SS 154	Solid	12/19/24 11:19	12/19/24 15:45	- SURFACE
890-7492-15	SS 504	Solid	12/19/24 11:40	12/19/24 15:45	- SURFACE
890-7492-16	SS 398	Solid	12/19/24 11:27	12/19/24 15:45	- SURFACE
890-7492-17	SS 183	Solid	12/19/24 11:44	12/19/24 15:45	- SURFACE
890-7492-18	SS 200	Solid	12/19/24 11:49	12/19/24 15:45	- SURFACE
890-7492-19	SS 435	Solid	12/19/24 11:53	12/19/24 15:45	- SURFACE
890-7492-20	SS 477	Solid	12/19/24 12:02	12/19/24 15:45	- SURFACE
890-7492-21	SS 176	Solid	12/19/24 12:07	12/19/24 15:45	- SURFACE
890-7492-22	SS 138	Solid	12/19/24 12:17	12/19/24 15:45	- SURFACE
890-7492-23	SS 420	Solid	12/19/24 12:22	12/19/24 15:45	- SURFACE



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3189
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 1 of 3

Project Manager: <u>Michael Wicker</u>	Bill to: (if different) <u>CDH Consulting</u>
Company Name: <u>CDH</u>	Program: ☐ PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
Address:	State of Project:
City, State ZIP:	Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Phone: <u>505-970-8459</u>	Deliverables: EDD ☐ ADAPT ☐ Other:
Email: <u>mwicker@cdhconsult.com</u>	

Project Name:	Turn Around	Pres. Code	ANALYSIS REQUEST	Preservative Codes
Project Number:	☐ Routine ☒ Rush			None: NO DI Water: H ₂ O
Project Location: <u>Buckeye, NM</u>	Due Date: <u>12-20-2024</u>			Cool: Cool MeOH: Me
Sampler's Name: <u>Dakotah Cueto</u>	TAT starts the day received by the lab, if received by 4:30pm			HCL: HC HNO ₃
PO #:				H ₂ SO ₄ : H ₂ NaOH: Na



890-7492 Chain of Custody

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Sample Comments
SS01	S	12-19-24	08:20	Surf	C	1	
SS20	S		08:36		C	1	
SS64	S		08:47		C	1	
SS80	S		08:53		C	1	
SS262	S		08:59		C	1	
SS320	S		09:04		C	1	
SS488	S		09:12		C	1	
SS46	S		10:15		C	1	
SS107	S		10:22		C	1	
SS290	S		10:30		C	1	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>Dakotah Cueto</u>	<u>[Signature]</u>	12/19 1545			
3		4			
5		6			

Revised Date: 06/25/2020 Rev. 2020.2

Chain of Custody



Environment Testing

Work Order No:

Little Rock, AR (501) 224-5060

Page 2 of 3

Project Manager: Michael Wicker		Bill to: (if different)		CDH Consulting	
Company Name: CDH		Company Name:			
Address:		Address:			
City, State ZIP:		City, State ZIP:			
Phone: 616-970-8459		Email: mwicker@cdhconsult.com			
Project Name: Close Encounters 301H		Turn Around			
Project Number:		☐ Routine ☒ Rush			
Project Location: Buckeye, NM		Due Date: 12-20-2024			
Sampler's Name: Dakeatah Cueto		TAT starts the day received by the lab, if received by 4:30pm			
PO #:					
SAMPLE RECEIPT		Temp Blank: Yes No		Wet Ice: Yes No	
Samples Received Intact:		Yes No		Thermometer ID:	
Cooler Custody Seals:		Yes No N/A		Correction Factor:	
Sample Custody Seals:		Yes No N/A		Temperature Reading:	
Total Containers:		Corrected Temperature:			
Sample Identification		Matrix		Date Sampled	
SS339		S		12/19/2024	
SS495		S		10:37	
SS129		S		10:44	
SS154		S		11:07	
SS504		S		11:19	
SS398		S		11:40	
SS183		S		11:27	
SS200		S		11:44	
SS435		S		11:49	
SS477		S		11:53	
				12:02	
Total 200.7 / 6010		200.8 / 6020:		8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti Sn U V Zn	
Circle Method(s) and Metal(s) to be analyzed		TCLP / SPLP 6010: 8RCRA		Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471	
NOTES: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.					
Relinquished by: (Signature)		Received by: (Signature)		Date/Time	
1. Dakeatah Cueto				2	
3				4	
				6	



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 3 of 3

Project Manager:	Michael Wicker	Bill to: (if different)	CDL Consulting
Company Name:	CDL	Company Name:	
Address:		Address:	
City, State ZIP:		City, State ZIP:	
Phone:	616-970-8469	Email:	mwicker@cdlconsult.com

Work Order Comments

Program:	UST/PST	PRP	Brownfields	RRR	Superfund
State of Project:					
Reporting:	Level II	Level III	PST/UST	TRRP	Level IV
Deliverables:	EDD	ADAPT	Other:		

Project Name:	Close Encounter 301H	Turn Around		Pres. Code	
Project Number:		☐ Routine ☒ Rush			
Project Location:	Buckeye, NM	Due Date:	12-20-2024		
Sampler's Name:	Darvash Gueho	TAT starts the day received by the lab, if received by 4:30pm			
PO #:					
SAMPLE RECEIPT					
Samples Received Intact:	Yes No	Temp Blank:	Yes No	Wet Ice:	Yes No
Cooler Custody Seals:	Yes No	Thermometer ID:			
Sample Custody Seals:	Yes No	Correction Factor:			
Total Containers:		Temperature Reading:			
		Corrected Temperature:			

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont											Sample Comments			
SS176	3	12/19/2024	10:07	Surf	C	1														
SS138	3	5	12:17	5	C	1														
SS420	5	2	12:28	5	C	1														

Total	200.7 / 6010	200.8 / 6020:	8RCRA 13PPM Texas 11	Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂	Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed	TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471				

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Darvash Gueho		2			
3		4			
5		6			



Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Source: Eurofins Midland

List Number: 2

List Creation: 12/19/24 09:21 PM

Creator: Laing, Edmundo

Question	Answer	Comment
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time (excluding tests with immediate HTs)		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").		



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ANALYTICAL REPORT

PREPARED FOR

Attn: Michael Wicker
CDH Consulting
9446 Clermont St,
Thornton, Colorado 80229
Generated 12/20/2024 3:02:55 PM

JOB DESCRIPTION

CLOSE ENCOUNTER 301 H
BUCKEYE

JOB NUMBER

890-7492-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

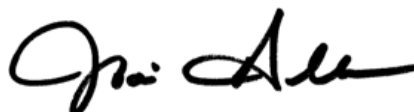
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
12/20/2024 3:02:55 PM

Authorized for release by
Jodi Allen, Project Manager I
Jodi.Allen@et.eurofinsus.com
(281)520-2865

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Laboratory Job ID: 890-7492-1
SDG: BUCKEYE

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Definitions/Glossary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1

Eurofins Carlsbad

Job Narrative 890-7492-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 12/19/2024 3:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 64 (890-7492-3), SS 80 (890-7492-4), SS 262 (890-7492-5), SS 320 (890-7492-6), SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11), SS 495 (890-7492-12), SS 129 (890-7492-13), SS 154 (890-7492-14), SS 504 (890-7492-15), SS 398 (890-7492-16), SS 183 (890-7492-17), SS 200 (890-7492-18), SS 435 (890-7492-19), SS 477 (890-7492-20), SS 176 (890-7492-21), SS 138 (890-7492-22) and SS 420 (890-7492-23).

GC VOA

Method 8021B: The following samples were diluted due to physical characteristics such as color, odor, appearance, viscosity, etc. >>: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 80 (890-7492-4), SS 262 (890-7492-5) and SS 320 (890-7492-6). Elevated reporting limits (RL) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 01 (890-7492-1), SS 20 (890-7492-2) and SS 64 (890-7492-3). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 398 (890-7492-16) and SS 200 (890-7492-18). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SS 176 (890-7492-21). Evidence of matrix interferences is not obvious.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11) and SS 495 (890-7492-12). Elevated reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 46 (890-7492-8), SS 290 (890-7492-10) and SS 495 (890-7492-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: SS 504 (890-7492-15). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-98402/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98402 and analytical batch 880-98425 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within

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Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1 (Continued)

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acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SS 262 (890-7492-5). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Due to the high concentration of Diesel Range Organics (Over C10-C28), the matrix spike (MS) for preparation batch 880-98403 and analytical batch 880-98427 could not be evaluated for accuracy. The associated matrix spike duplicate (MSD) met acceptance criteria.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SS 477 (890-7492-20), (LCS 880-98403/2-A) and (LCSD 880-98403/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The method blank for preparation batch 880-98404 and analytical batch 880-98430 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-98404/2-A) and (LCSD 880-98404/3-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-98404 and analytical batch 880-98430 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The laboratory control sample (LCS) for preparation batch 880-98403 and analytical batch 880-98427 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10. Since only an acceptable LCSD is required per the method, the LCSD shows recovery for the batch and the data has been qualified and reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98374 and analytical batch 880-98376 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01

Lab Sample ID: 890-7492-1

Date Collected: 12/19/24 08:20

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0101	U	0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Ethylbenzene	0.0947		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Toluene	0.0306		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Xylenes, Total	1.81		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
m-Xylene & p-Xylene	0.0449		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
o-Xylene	1.77		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 11:51	20
1,4-Difluorobenzene (Surr)	124		70 - 130	12/20/24 08:24	12/20/24 11:51	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.94		0.0202		mg/Kg			12/20/24 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	287		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	287		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	12/19/24 21:26	12/20/24 12:09	1
o-Terphenyl	86		70 - 130	12/19/24 21:26	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17600		199		mg/Kg			12/20/24 10:49	20

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Ethylbenzene	0.0420		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Toluene	0.0216		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Xylenes, Total	0.350		0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
m-Xylene & p-Xylene	<0.0401	U	0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
o-Xylene	0.350		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	12/20/24 08:24	12/20/24 14:15	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	136	S1+	70 - 130	12/20/24 08:24	12/20/24 14:15	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.414		0.0401		mg/Kg			12/20/24 14:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	110		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	110		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				12/19/24 21:26	12/20/24 12:23	1
o-Terphenyl	77		70 - 130				12/19/24 21:26	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300	F1	49.9		mg/Kg			12/20/24 10:58	5

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Ethylbenzene	0.242		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Toluene	0.0581		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Xylenes, Total	0.781		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
m-Xylene & p-Xylene	0.189		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
o-Xylene	0.592		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20
1,4-Difluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.08		0.0795		mg/Kg			12/20/24 12:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	631		50.0		mg/Kg			12/20/24 09:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Diesel Range Organics (Over C10-C28)	631	F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 09:40	1
o-Terphenyl	78		70 - 130				12/19/24 21:28	12/20/24 09:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3110		50.2		mg/Kg			12/20/24 11:54	5

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Ethylbenzene	0.0344		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Toluene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Xylenes, Total	0.680		0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
m-Xylene & p-Xylene	<0.0399	U	0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
o-Xylene	0.680		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				12/20/24 08:24	12/20/24 14:36	10
1,4-Difluorobenzene (Surr)	106		70 - 130				12/20/24 08:24	12/20/24 14:36	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.714		0.0399		mg/Kg			12/20/24 14:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	188		50.0		mg/Kg			12/20/24 10:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Diesel Range Organics (Over C10-C28)	188		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				12/19/24 21:28	12/20/24 10:24	1
o-Terphenyl	74		70 - 130				12/19/24 21:28	12/20/24 10:24	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3070		100		mg/Kg			12/20/24 11:30	10

Client Sample ID: SS 262

Lab Sample ID: 890-7492-5

Date Collected: 12/19/24 08:59

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Ethylbenzene	0.966		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Toluene	0.415		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Xylenes, Total	1.51		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
m-Xylene & p-Xylene	0.756		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
o-Xylene	0.754		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				12/20/24 08:24	12/20/24 13:14	50
1,4-Difluorobenzene (Surr)	122		70 - 130				12/20/24 08:24	12/20/24 13:14	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.89		0.202		mg/Kg			12/20/24 13:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	463		50.0		mg/Kg			12/20/24 10:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Diesel Range Organics (Over C10-C28)	463		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				12/19/24 21:28	12/20/24 10:38	1
o-Terphenyl	69	S1-	70 - 130				12/19/24 21:28	12/20/24 10:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4470		99.4		mg/Kg			12/20/24 11:48	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 320

Lab Sample ID: 890-7492-6

Date Collected: 12/19/24 09:04

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0503	U	0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Ethylbenzene	0.537		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Toluene	0.125		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Xylenes, Total	1.20		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
m-Xylene & p-Xylene	0.454		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
o-Xylene	0.746		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				12/20/24 08:24	12/20/24 13:34	25
1,4-Difluorobenzene (Surr)	126		70 - 130				12/20/24 08:24	12/20/24 13:34	25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.86		0.101		mg/Kg			12/20/24 13:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	876		49.7		mg/Kg			12/20/24 10:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Diesel Range Organics (Over C10-C28)	876		49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				12/19/24 21:28	12/20/24 10:53	1
o-Terphenyl	75		70 - 130				12/19/24 21:28	12/20/24 10:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3410		49.8		mg/Kg			12/20/24 11:59	5

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.199	U	0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Ethylbenzene	1.92		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Toluene	0.602		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Xylenes, Total	3.04		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
m-Xylene & p-Xylene	1.78		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
o-Xylene	1.26		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				12/20/24 08:27	12/20/24 12:24	100

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	100		70 - 130	12/20/24 08:27	12/20/24 12:24	100

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	5.56		0.398		mg/Kg			12/20/24 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2500		49.8		mg/Kg			12/20/24 11:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.7		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Diesel Range Organics (Over C10-C28)	2410		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:08	1
o-Terphenyl	95		70 - 130				12/19/24 21:28	12/20/24 11:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3680		49.6		mg/Kg			12/20/24 12:06	5

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.11		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Ethylbenzene	9.28		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Toluene	7.96		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Xylenes, Total	10.9		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
m-Xylene & p-Xylene	6.88		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
o-Xylene	4.05		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130				12/20/24 08:27	12/20/24 12:45	50
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:27	12/20/24 12:45	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	29.3		0.200		mg/Kg			12/20/24 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1330		49.9		mg/Kg			12/20/24 11:25	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	95.0		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Diesel Range Organics (Over C10-C28)	1230		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:25	1
o-Terphenyl	81		70 - 130				12/19/24 21:28	12/20/24 11:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5420		101		mg/Kg			12/20/24 12:11	10

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Ethylbenzene	1.52		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Toluene	0.807		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Xylenes, Total	4.70		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
m-Xylene & p-Xylene	3.88		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
o-Xylene	0.815		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				12/20/24 08:27	12/20/24 13:05	50
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:27	12/20/24 13:05	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	7.02		0.202		mg/Kg			12/20/24 13:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	60.0		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Diesel Range Organics (Over C10-C28)	1450		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:40	1
o-Terphenyl	86		70 - 130				12/19/24 21:28	12/20/24 11:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 107
Date Collected: 12/19/24 10:22
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-9
Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5250		99.4		mg/Kg			12/20/24 12:17	10

Client Sample ID: SS 290
Date Collected: 12/19/24 10:30
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-10
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.151		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Ethylbenzene	3.30		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Toluene	1.75		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Xylenes, Total	4.33		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
m-Xylene & p-Xylene	2.60		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
o-Xylene	1.73		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:27	12/20/24 13:25	50
1,4-Difluorobenzene (Surr)	100		70 - 130				12/20/24 08:27	12/20/24 13:25	50

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	9.53		0.201		mg/Kg			12/20/24 13:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2470		49.8		mg/Kg			12/20/24 11:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	129		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Diesel Range Organics (Over C10-C28)	2340		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				12/19/24 21:28	12/20/24 11:54	1
o-Terphenyl	105		70 - 130				12/19/24 21:28	12/20/24 11:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5400		99.8		mg/Kg			12/20/24 12:23	10

Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.106		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Ethylbenzene	3.81		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Toluene	1.12		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Xylenes, Total	5.28		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
m-Xylene & p-Xylene	3.48		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
o-Xylene	1.80		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				12/20/24 08:27	12/20/24 13:46	50
1,4-Difluorobenzene (Surr)	99		70 - 130				12/20/24 08:27	12/20/24 13:46	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	10.3		0.200		mg/Kg			12/20/24 13:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3950		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	154		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	3800		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:28	12/20/24 12:09	1
o-Terphenyl	121		70 - 130				12/19/24 21:28	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4280		49.9		mg/Kg			12/20/24 12:29	5

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0994	U	0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Ethylbenzene	5.40		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Toluene	1.34		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Xylenes, Total	7.57		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
m-Xylene & p-Xylene	4.90		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
o-Xylene	2.67		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130				12/20/24 08:27	12/20/24 14:06	50

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	12/20/24 08:27	12/20/24 14:06	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	14.3		0.199		mg/Kg			12/20/24 14:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3070		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	177		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	2890		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:28	12/20/24 12:23	1
o-Terphenyl	108		70 - 130				12/19/24 21:28	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3660		49.6		mg/Kg			12/20/24 08:36	5

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Ethylbenzene	0.0238		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Toluene	0.00837		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Xylenes, Total	0.0306		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
m-Xylene & p-Xylene	0.0204		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
o-Xylene	0.0102		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	12/20/24 08:33	12/20/24 11:49	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/20/24 08:33	12/20/24 11:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0628		0.00404		mg/Kg			12/20/24 11:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	538		49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Diesel Range Organics (Over C10-C28)	538	F1	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 11:11	1
o-Terphenyl	79		70 - 130				12/19/24 21:30	12/20/24 11:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3350		50.0		mg/Kg			12/20/24 08:43	5

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Ethylbenzene	0.0475		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Toluene	0.0124		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Xylenes, Total	0.0632		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
m-Xylene & p-Xylene	0.0373		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
o-Xylene	0.0259		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				12/20/24 08:33	12/20/24 12:10	1
1,4-Difluorobenzene (Surr)	93		70 - 130				12/20/24 08:33	12/20/24 12:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.123		0.00401		mg/Kg			12/20/24 12:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2710		49.8		mg/Kg			12/20/24 12:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Diesel Range Organics (Over C10-C28)	2710		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 12:00	1
o-Terphenyl	120		70 - 130				12/19/24 21:30	12/20/24 12:00	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1710		50.3		mg/Kg			12/20/24 08:50	5

Client Sample ID: SS 504

Lab Sample ID: 890-7492-15

Date Collected: 12/19/24 11:40

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Ethylbenzene	0.563		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Toluene	0.173		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Xylenes, Total	0.464		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
m-Xylene & p-Xylene	0.290		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
o-Xylene	0.174		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				12/20/24 08:33	12/20/24 13:32	10
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:33	12/20/24 13:32	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.20		0.0398		mg/Kg			12/20/24 13:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 12:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Diesel Range Organics (Over C10-C28)	1510		50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				12/19/24 21:30	12/20/24 12:15	1
o-Terphenyl	97		70 - 130				12/19/24 21:30	12/20/24 12:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2990		50.0		mg/Kg			12/20/24 09:12	5

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 398

Lab Sample ID: 890-7492-16

Date Collected: 12/19/24 11:27

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0262		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Ethylbenzene	0.199		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Toluene	0.168		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Xylenes, Total	0.269		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
m-Xylene & p-Xylene	0.158		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
o-Xylene	0.111		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	12/20/24 08:33	12/20/24 12:30	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:33	12/20/24 12:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.662		0.00399		mg/Kg			12/20/24 12:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3130		49.9		mg/Kg			12/20/24 12:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.1	*+	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Diesel Range Organics (Over C10-C28)	3040		49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	12/19/24 21:30	12/20/24 12:31	1
o-Terphenyl	120		70 - 130	12/19/24 21:30	12/20/24 12:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2960		50.1		mg/Kg			12/20/24 09:19	5

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Ethylbenzene	0.0487		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Toluene	0.00442		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Xylenes, Total	0.0402		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
m-Xylene & p-Xylene	0.0276		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
o-Xylene	0.0126		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	12/20/24 08:33	12/20/24 12:51	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	75		70 - 130	12/20/24 08:33	12/20/24 12:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0933		0.00404		mg/Kg			12/20/24 12:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	311		49.8		mg/Kg			12/20/24 12:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Diesel Range Organics (Over C10-C28)	311		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				12/19/24 21:30	12/20/24 12:47	1
o-Terphenyl	77		70 - 130				12/19/24 21:30	12/20/24 12:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.8		9.96		mg/Kg			12/20/24 09:26	1

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Ethylbenzene	0.191		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Toluene	0.110		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Xylenes, Total	0.265		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
m-Xylene & p-Xylene	0.156		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
o-Xylene	0.109		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130	12/20/24 08:33	12/20/24 13:11	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 13:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.566		0.00402		mg/Kg			12/20/24 13:11	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2050		49.9		mg/Kg			12/20/24 13:03	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 200
Date Collected: 12/19/24 11:49
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-18
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Diesel Range Organics (Over C10-C28)	2050		49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				12/19/24 21:30	12/20/24 13:03	1
o-Terphenyl	106		70 - 130				12/19/24 21:30	12/20/24 13:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	930		10.0		mg/Kg			12/20/24 09:33	1

Client Sample ID: SS 435
Date Collected: 12/19/24 11:53
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-19
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Ethylbenzene	0.00665		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Toluene	0.00205		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Xylenes, Total	0.0105		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
m-Xylene & p-Xylene	0.00628		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
o-Xylene	0.00418		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				12/20/24 08:30	12/20/24 12:07	1
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 12:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0192		0.00404		mg/Kg			12/20/24 12:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	601		49.7		mg/Kg			12/20/24 13:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U **	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Diesel Range Organics (Over C10-C28)	601		49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				12/19/24 21:30	12/20/24 13:20	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 13:20	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3030		49.7		mg/Kg			12/20/24 09:40	5

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Xylenes, Total	0.133		0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
o-Xylene	0.133		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				12/20/24 08:30	12/20/24 12:27	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/20/24 08:30	12/20/24 12:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.133		0.00401		mg/Kg			12/20/24 12:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/20/24 13:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 13:36	1
o-Terphenyl	66	S1-	70 - 130				12/19/24 21:30	12/20/24 13:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		10.0		mg/Kg			12/20/24 09:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Ethylbenzene	0.950		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Toluene	0.199		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Xylenes, Total	1.58		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
m-Xylene & p-Xylene	0.943		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
o-Xylene	0.636		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	193	S1+	70 - 130				12/20/24 08:30	12/20/24 13:28	10
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 13:28	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.73		0.0398		mg/Kg			12/20/24 13:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2110		49.8		mg/Kg			12/20/24 13:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Diesel Range Organics (Over C10-C28)	2110		49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:30	12/20/24 13:52	1
o-Terphenyl	112		70 - 130				12/19/24 21:30	12/20/24 13:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	812		9.98		mg/Kg			12/20/24 10:09	1

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Ethylbenzene	0.0120		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Toluene	0.00377		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Xylenes, Total	0.0233		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
m-Xylene & p-Xylene	0.0102		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
o-Xylene	0.0131		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				12/20/24 08:30	12/20/24 12:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130	12/20/24 08:30	12/20/24 12:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0391		0.00399		mg/Kg			12/20/24 12:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	573		49.8		mg/Kg			12/20/24 14:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Diesel Range Organics (Over C10-C28)	573		49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 14:07	1
o-Terphenyl	78		70 - 130				12/19/24 21:30	12/20/24 14:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2650		50.1		mg/Kg			12/20/24 10:16	5

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Xylenes, Total	0.0889		0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
o-Xylene	0.0889		0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	12/20/24 08:30	12/20/24 13:08	1
1,4-Difluorobenzene (Surr)	91		70 - 130	12/20/24 08:30	12/20/24 13:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0889		0.00404		mg/Kg			12/20/24 13:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 420
Date Collected: 12/19/24 12:22
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-23
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	104		70 - 130				12/19/24 21:32	12/20/24 11:11	1	
o-Terphenyl	109		70 - 130				12/19/24 21:32	12/20/24 11:11	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	162		9.94		mg/Kg			12/20/24 10:38	1	

Surrogate Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-7492-1	SS 01	131 S1+	124
890-7492-2	SS 20	128	136 S1+
890-7492-3	SS 64	137 S1+	131 S1+
890-7492-4	SS 80	144 S1+	106
890-7492-5	SS 262	125	122
890-7492-6	SS 320	126	126
890-7492-7	SS 488	106	100
890-7492-8	SS 46	171 S1+	94
890-7492-9	SS 107	107	101
890-7492-10	SS 290	131 S1+	100
890-7492-11	SS 339	122	99
890-7492-12	SS 495	139 S1+	104
890-7492-13	SS 129	109	95
890-7492-14	SS 154	99	93
890-7492-15	SS 504	110	94
890-7492-16	SS 398	141 S1+	96
890-7492-17	SS 183	88	75
890-7492-18	SS 200	159 S1+	93
890-7492-19	SS 435	113	104
890-7492-20	SS 477	98	95
890-7492-21	SS 176	193 S1+	104
890-7492-22	SS 138	115	103
890-7492-23	SS 420	95	91
LCS 880-98432/1-A	Lab Control Sample	101	96
LCS 880-98433/1-A	Lab Control Sample	96	103
LCS 880-98434/1-A	Lab Control Sample	107	104
LCS 880-98435/1-A	Lab Control Sample	106	99
LCSD 880-98432/2-A	Lab Control Sample Dup	103	99
LCSD 880-98433/2-A	Lab Control Sample Dup	94	103
LCSD 880-98434/2-A	Lab Control Sample Dup	109	103
LCSD 880-98435/2-A	Lab Control Sample Dup	108	98
MB 880-98432/5-A	Method Blank	112	85
MB 880-98433/5-A	Method Blank	98	96
MB 880-98434/5-A	Method Blank	111	101
MB 880-98435/5-A	Method Blank	92	93
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-1	SS 01	83	86
890-7492-2	SS 20	76	77
890-7492-3	SS 64	75	78
890-7492-3 MS	SS 64	78	76

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Surrogate Summary

Client: CDH Consulting

Job ID: 890-7492-1

Project/Site: CLOSE ENCOUNTER 301 H

SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-3 MSD	SS 64	77	76
890-7492-4	SS 80	73	74
890-7492-5	SS 262	70	69 S1-
890-7492-6	SS 320	74	75
890-7492-7	SS 488	75	95
890-7492-8	SS 46	75	81
890-7492-9	SS 107	75	86
890-7492-10	SS 290	85	105
890-7492-11	SS 339	84	121
890-7492-12	SS 495	88	108
890-7492-13	SS 129	84	79
890-7492-13 MS	SS 129	80	81
890-7492-13 MSD	SS 129	79	81
890-7492-14	SS 154	84	120
890-7492-15	SS 504	92	97
890-7492-16	SS 398	85	120
890-7492-17	SS 183	87	77
890-7492-18	SS 200	82	106
890-7492-19	SS 435	77	74
890-7492-20	SS 477	81	66 S1-
890-7492-21	SS 176	88	112
890-7492-22	SS 138	81	78
890-7492-23	SS 420	104	109
890-7492-23 MS	SS 420	92	99
890-7492-23 MSD	SS 420	92	99
LCS 880-98401/2-A	Lab Control Sample	118	102
LCS 880-98402/2-A	Lab Control Sample	121	104
LCS 880-98403/2-A	Lab Control Sample	136 S1+	123
LCS 880-98404/2-A	Lab Control Sample	158 S1+	172 S1+
LCSD 880-98401/3-A	Lab Control Sample Dup	110	95
LCSD 880-98402/3-A	Lab Control Sample Dup	145 S1+	123
LCSD 880-98403/3-A	Lab Control Sample Dup	133 S1+	120
LCSD 880-98404/3-A	Lab Control Sample Dup	166 S1+	175 S1+
MB 880-98401/1-A	Method Blank	81	80
MB 880-98402/1-A	Method Blank	75	75
MB 880-98403/1-A	Method Blank	91	74
MB 880-98404/1-A	Method Blank	93	96
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-98432/5-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	12/20/24 08:24	12/20/24 11:08	1
1,4-Difluorobenzene (Surr)	85		70 - 130	12/20/24 08:24	12/20/24 11:08	1

Lab Sample ID: LCS 880-98432/1-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1137		mg/Kg		114	70 - 130
Ethylbenzene	0.100	0.1107		mg/Kg		111	70 - 130
Toluene	0.100	0.1082		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2221		mg/Kg		111	70 - 130
o-Xylene	0.100	0.1128		mg/Kg		113	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-98432/2-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1182		mg/Kg		118	70 - 130	4	35
Ethylbenzene	0.100	0.1145		mg/Kg		114	70 - 130	3	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2282		mg/Kg		114	70 - 130	3	35
o-Xylene	0.100	0.1165		mg/Kg		117	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	12/20/24 08:27	12/20/24 11:02	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:27	12/20/24 11:02	1

Lab Sample ID: LCS 880-98433/1-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1001		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09410		mg/Kg		94	70 - 130
Toluene	0.100	0.09371		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1885		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09536		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-98433/2-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1048		mg/Kg		105	70 - 130	5	35
Ethylbenzene	0.100	0.09886		mg/Kg		99	70 - 130	5	35
Toluene	0.100	0.09817		mg/Kg		98	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1969		mg/Kg		98	70 - 130	4	35
o-Xylene	0.100	0.09974		mg/Kg		100	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	111		70 - 130				12/20/24 08:30	12/20/24 11:25	1
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:30	12/20/24 11:25	1

Lab Sample ID: LCS 880-98434/1-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits		
		Result	Qualifier						
Benzene	0.100	0.1149		mg/Kg		115	70 - 130		
Ethylbenzene	0.100	0.1100		mg/Kg		110	70 - 130		
Toluene	0.100	0.1116		mg/Kg		112	70 - 130		
m-Xylene & p-Xylene	0.200	0.2234		mg/Kg		112	70 - 130		
o-Xylene	0.100	0.1142		mg/Kg		114	70 - 130		
Surrogate	LCS	LCS	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	107		70 - 130						
1,4-Difluorobenzene (Surr)	104		70 - 130						

Lab Sample ID: LCSD 880-98434/2-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.1162		mg/Kg		116	70 - 130	1	35
Ethylbenzene	0.100	0.1102		mg/Kg		110	70 - 130	0	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2247		mg/Kg		112	70 - 130	1	35
o-Xylene	0.100	0.1148		mg/Kg		115	70 - 130	1	35
Surrogate	LCSD	LCSD	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	109		70 - 130						
1,4-Difluorobenzene (Surr)	103		70 - 130						

Lab Sample ID: MB 880-98435/5-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98435

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	12/20/24 08:33	12/20/24 11:07	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 11:07	1

Lab Sample ID: LCS 880-98435/1-A
Matrix: Solid
Analysis Batch: 98353

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98435

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1025		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.1037		mg/Kg		104	70 - 130
Toluene	0.100	0.1077		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2015		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1117		mg/Kg		112	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-98435/2-A
Matrix: Solid
Analysis Batch: 98353

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98435

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1068		mg/Kg		107	70 - 130	4	35
Ethylbenzene	0.100	0.1065		mg/Kg		107	70 - 130	3	35
Toluene	0.100	0.1103		mg/Kg		110	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2041		mg/Kg		102	70 - 130	1	35
o-Xylene	0.100	0.1136		mg/Kg		114	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-98401/1-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 98401

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130	12/19/24 21:26	12/20/24 00:11	1
o-Terphenyl	80		70 - 130	12/19/24 21:26	12/20/24 00:11	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98401/2-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98401

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1058		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	960.9		mg/Kg		96	70 - 130
Surrogate	%Recovery	LCS Qualifier	LCS	Limits			
1-Chlorooctane	118			70 - 130			
o-Terphenyl	102			70 - 130			

Lab Sample ID: LCSD 880-98401/3-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98401

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1005		mg/Kg		101	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	903.5		mg/Kg		90	70 - 130	6	20
Surrogate	%Recovery	LCSD Qualifier	LCSD	Limits					
1-Chlorooctane	110			70 - 130					
o-Terphenyl	95			70 - 130					

Lab Sample ID: MB 880-98402/1-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 98402

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Surrogate	%Recovery	MB Qualifier	MB	Limits	Prepared	Analyzed	Dil Fac		
1-Chlorooctane	75			70 - 130	12/19/24 21:28	12/20/24 00:11	1		
o-Terphenyl	75			70 - 130	12/19/24 21:28	12/20/24 00:11	1		

Lab Sample ID: LCS 880-98402/2-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1061		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1028		mg/Kg		103	70 - 130

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98402/2-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98402

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: LCSD 880-98402/3-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1288		mg/Kg		129	70 - 130	19	20
Diesel Range Organics (Over C10-C28)	1000	1231		mg/Kg		123	70 - 130	18	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	145	S1+	70 - 130						
o-Terphenyl	123		70 - 130						

Lab Sample ID: 890-7492-3 MS
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: SS 64
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	665.3	F1	mg/Kg		67	70 - 130		
Diesel Range Organics (Over C10-C28)	631	F1	998	1155	F1	mg/Kg		53	70 - 130		
Surrogate	%Recovery	MS Qualifier	Limits								
1-Chlorooctane	78		70 - 130								
o-Terphenyl	76		70 - 130								

Lab Sample ID: 890-7492-3 MSD
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: SS 64
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	660.4	F1	mg/Kg		66	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	631	F1	998	1141	F1	mg/Kg		51	70 - 130	1	20
Surrogate	%Recovery	MSD Qualifier	Limits								
1-Chlorooctane	77		70 - 130								
o-Terphenyl	76		70 - 130								

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-98403/1-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98403

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				12/19/24 21:30	12/20/24 09:12	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 09:12	1

Lab Sample ID: LCS 880-98403/2-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1333	*+	mg/Kg		133	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1178		mg/Kg		118	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	136	S1+	70 - 130				
o-Terphenyl	123		70 - 130				

Lab Sample ID: LCSD 880-98403/3-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1180		mg/Kg		118	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	1000	1166		mg/Kg		117	70 - 130	1	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	133	S1+	70 - 130						
o-Terphenyl	120		70 - 130						

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	997	729.6		mg/Kg		73	70 - 130
Diesel Range Organics (Over C10-C28)	538	F1	997	1207	F1	mg/Kg		67	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	80		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: 890-7492-13 MSD

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	997	855.4		mg/Kg		86	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	538	F1	997	1282		mg/Kg		75	70 - 130	6	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	79		70 - 130								
o-Terphenyl	81		70 - 130								

Lab Sample ID: MB 880-98404/1-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98404

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				12/19/24 21:32	12/20/24 09:12	1
o-Terphenyl	96		70 - 130				12/19/24 21:32	12/20/24 09:12	1

Lab Sample ID: LCS 880-98404/2-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1398	*+	mg/Kg		140	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1468	*+	mg/Kg		147	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	158	S1+	70 - 130				
o-Terphenyl	172	S1+	70 - 130				

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-98404/3-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1465	*+	mg/Kg		147	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	1590	*+	mg/Kg		159	70 - 130	8	20
		LCSD	LCSD						
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane	166	S1+	70 - 130						
o-Terphenyl	175	S1+	70 - 130						

Lab Sample ID: 890-7492-23 MS

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: SS 420

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	781.1		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	867.3		mg/Kg		84	70 - 130		
		MS	MS								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Lab Sample ID: 890-7492-23 MSD

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: SS 420

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	804.1		mg/Kg		80	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	863.1		mg/Kg		84	70 - 130	0	20
		MSD	MSD								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-98374/1-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 08:34	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-98374/2-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.6		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-98374/3-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	245.0		mg/Kg		98	90 - 110	2	20

Lab Sample ID: 890-7492-2 MS

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1300	F1	1250	3073	F1	mg/Kg		142	90 - 110

Lab Sample ID: 890-7492-2 MSD

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1300	F1	1250	3070	F1	mg/Kg		142	90 - 110	0	20

Lab Sample ID: MB 880-98373/1-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 03:00	1

Lab Sample ID: LCS 880-98373/2-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	258.6		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-98373/3-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	257.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-7492-20 MS

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: SS 477

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	126		257	387.5		mg/Kg		102	90 - 110

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-7492-20 MSD							Client Sample ID: SS 477					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 98377												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	126		248	372.8		mg/Kg		100	90 - 110	4	20	

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA

Analysis Batch: 98350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-2	SS 20	Total/NA	Solid	8021B	98432
890-7492-3	SS 64	Total/NA	Solid	8021B	98432
890-7492-4	SS 80	Total/NA	Solid	8021B	98432
890-7492-5	SS 262	Total/NA	Solid	8021B	98432
890-7492-6	SS 320	Total/NA	Solid	8021B	98432
MB 880-98432/5-A	Method Blank	Total/NA	Solid	8021B	98432
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	8021B	98432
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98432

Analysis Batch: 98351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	8021B	98433
890-7492-8	SS 46	Total/NA	Solid	8021B	98433
890-7492-9	SS 107	Total/NA	Solid	8021B	98433
890-7492-10	SS 290	Total/NA	Solid	8021B	98433
890-7492-11	SS 339	Total/NA	Solid	8021B	98433
890-7492-12	SS 495	Total/NA	Solid	8021B	98433
MB 880-98433/5-A	Method Blank	Total/NA	Solid	8021B	98433
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	8021B	98433
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98433

Analysis Batch: 98352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	8021B	98434
890-7492-20	SS 477	Total/NA	Solid	8021B	98434
890-7492-21	SS 176	Total/NA	Solid	8021B	98434
890-7492-22	SS 138	Total/NA	Solid	8021B	98434
890-7492-23	SS 420	Total/NA	Solid	8021B	98434
MB 880-98434/5-A	Method Blank	Total/NA	Solid	8021B	98434
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	8021B	98434
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98434

Analysis Batch: 98353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8021B	98435
890-7492-14	SS 154	Total/NA	Solid	8021B	98435
890-7492-15	SS 504	Total/NA	Solid	8021B	98435
890-7492-16	SS 398	Total/NA	Solid	8021B	98435
890-7492-17	SS 183	Total/NA	Solid	8021B	98435
890-7492-18	SS 200	Total/NA	Solid	8021B	98435
MB 880-98435/5-A	Method Blank	Total/NA	Solid	8021B	98435
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	8021B	98435
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98435

Prep Batch: 98432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	5035	
890-7492-2	SS 20	Total/NA	Solid	5035	
890-7492-3	SS 64	Total/NA	Solid	5035	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Prep Batch: 98432 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-4	SS 80	Total/NA	Solid	5035	
890-7492-5	SS 262	Total/NA	Solid	5035	
890-7492-6	SS 320	Total/NA	Solid	5035	
MB 880-98432/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	5035	
890-7492-8	SS 46	Total/NA	Solid	5035	
890-7492-9	SS 107	Total/NA	Solid	5035	
890-7492-10	SS 290	Total/NA	Solid	5035	
890-7492-11	SS 339	Total/NA	Solid	5035	
890-7492-12	SS 495	Total/NA	Solid	5035	
MB 880-98433/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	5035	
890-7492-20	SS 477	Total/NA	Solid	5035	
890-7492-21	SS 176	Total/NA	Solid	5035	
890-7492-22	SS 138	Total/NA	Solid	5035	
890-7492-23	SS 420	Total/NA	Solid	5035	
MB 880-98434/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	5035	
890-7492-14	SS 154	Total/NA	Solid	5035	
890-7492-15	SS 504	Total/NA	Solid	5035	
890-7492-16	SS 398	Total/NA	Solid	5035	
890-7492-17	SS 183	Total/NA	Solid	5035	
890-7492-18	SS 200	Total/NA	Solid	5035	
MB 880-98435/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 98498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	Total BTEX	
890-7492-2	SS 20	Total/NA	Solid	Total BTEX	
890-7492-3	SS 64	Total/NA	Solid	Total BTEX	
890-7492-4	SS 80	Total/NA	Solid	Total BTEX	
890-7492-5	SS 262	Total/NA	Solid	Total BTEX	
890-7492-6	SS 320	Total/NA	Solid	Total BTEX	
890-7492-7	SS 488	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Analysis Batch: 98498 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-8	SS 46	Total/NA	Solid	Total BTEX	
890-7492-9	SS 107	Total/NA	Solid	Total BTEX	
890-7492-10	SS 290	Total/NA	Solid	Total BTEX	
890-7492-11	SS 339	Total/NA	Solid	Total BTEX	
890-7492-12	SS 495	Total/NA	Solid	Total BTEX	
890-7492-13	SS 129	Total/NA	Solid	Total BTEX	
890-7492-14	SS 154	Total/NA	Solid	Total BTEX	
890-7492-15	SS 504	Total/NA	Solid	Total BTEX	
890-7492-16	SS 398	Total/NA	Solid	Total BTEX	
890-7492-17	SS 183	Total/NA	Solid	Total BTEX	
890-7492-18	SS 200	Total/NA	Solid	Total BTEX	
890-7492-19	SS 435	Total/NA	Solid	Total BTEX	
890-7492-20	SS 477	Total/NA	Solid	Total BTEX	
890-7492-21	SS 176	Total/NA	Solid	Total BTEX	
890-7492-22	SS 138	Total/NA	Solid	Total BTEX	
890-7492-23	SS 420	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 98401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015NM Prep	
890-7492-2	SS 20	Total/NA	Solid	8015NM Prep	
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 98402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-4	SS 80	Total/NA	Solid	8015NM Prep	
890-7492-5	SS 262	Total/NA	Solid	8015NM Prep	
890-7492-6	SS 320	Total/NA	Solid	8015NM Prep	
890-7492-7	SS 488	Total/NA	Solid	8015NM Prep	
890-7492-8	SS 46	Total/NA	Solid	8015NM Prep	
890-7492-9	SS 107	Total/NA	Solid	8015NM Prep	
890-7492-10	SS 290	Total/NA	Solid	8015NM Prep	
890-7492-11	SS 339	Total/NA	Solid	8015NM Prep	
890-7492-12	SS 495	Total/NA	Solid	8015NM Prep	
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-3 MS	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-3 MSD	SS 64	Total/NA	Solid	8015NM Prep	

Prep Batch: 98403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-14	SS 154	Total/NA	Solid	8015NM Prep	
890-7492-15	SS 504	Total/NA	Solid	8015NM Prep	
890-7492-16	SS 398	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Prep Batch: 98403 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-17	SS 183	Total/NA	Solid	8015NM Prep	
890-7492-18	SS 200	Total/NA	Solid	8015NM Prep	
890-7492-19	SS 435	Total/NA	Solid	8015NM Prep	
890-7492-20	SS 477	Total/NA	Solid	8015NM Prep	
890-7492-21	SS 176	Total/NA	Solid	8015NM Prep	
890-7492-22	SS 138	Total/NA	Solid	8015NM Prep	
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-13 MS	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-13 MSD	SS 129	Total/NA	Solid	8015NM Prep	

Prep Batch: 98404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015NM Prep	
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-23 MS	SS 420	Total/NA	Solid	8015NM Prep	
890-7492-23 MSD	SS 420	Total/NA	Solid	8015NM Prep	

Analysis Batch: 98423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015B NM	98401
890-7492-2	SS 20	Total/NA	Solid	8015B NM	98401
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015B NM	98401
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98401
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98401

Analysis Batch: 98425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-4	SS 80	Total/NA	Solid	8015B NM	98402
890-7492-5	SS 262	Total/NA	Solid	8015B NM	98402
890-7492-6	SS 320	Total/NA	Solid	8015B NM	98402
890-7492-7	SS 488	Total/NA	Solid	8015B NM	98402
890-7492-8	SS 46	Total/NA	Solid	8015B NM	98402
890-7492-9	SS 107	Total/NA	Solid	8015B NM	98402
890-7492-10	SS 290	Total/NA	Solid	8015B NM	98402
890-7492-11	SS 339	Total/NA	Solid	8015B NM	98402
890-7492-12	SS 495	Total/NA	Solid	8015B NM	98402
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015B NM	98402
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98402
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98402
890-7492-3 MS	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-3 MSD	SS 64	Total/NA	Solid	8015B NM	98402

Analysis Batch: 98427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-14	SS 154	Total/NA	Solid	8015B NM	98403

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Analysis Batch: 98427 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-15	SS 504	Total/NA	Solid	8015B NM	98403
890-7492-16	SS 398	Total/NA	Solid	8015B NM	98403
890-7492-17	SS 183	Total/NA	Solid	8015B NM	98403
890-7492-18	SS 200	Total/NA	Solid	8015B NM	98403
890-7492-19	SS 435	Total/NA	Solid	8015B NM	98403
890-7492-20	SS 477	Total/NA	Solid	8015B NM	98403
890-7492-21	SS 176	Total/NA	Solid	8015B NM	98403
890-7492-22	SS 138	Total/NA	Solid	8015B NM	98403
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015B NM	98403
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98403
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98403
890-7492-13 MS	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-13 MSD	SS 129	Total/NA	Solid	8015B NM	98403

Analysis Batch: 98430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015B NM	98404
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015B NM	98404
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98404
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98404
890-7492-23 MS	SS 420	Total/NA	Solid	8015B NM	98404
890-7492-23 MSD	SS 420	Total/NA	Solid	8015B NM	98404

Analysis Batch: 98523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015 NM	
890-7492-2	SS 20	Total/NA	Solid	8015 NM	
890-7492-3	SS 64	Total/NA	Solid	8015 NM	
890-7492-4	SS 80	Total/NA	Solid	8015 NM	
890-7492-5	SS 262	Total/NA	Solid	8015 NM	
890-7492-6	SS 320	Total/NA	Solid	8015 NM	
890-7492-7	SS 488	Total/NA	Solid	8015 NM	
890-7492-8	SS 46	Total/NA	Solid	8015 NM	
890-7492-9	SS 107	Total/NA	Solid	8015 NM	
890-7492-10	SS 290	Total/NA	Solid	8015 NM	
890-7492-11	SS 339	Total/NA	Solid	8015 NM	
890-7492-12	SS 495	Total/NA	Solid	8015 NM	
890-7492-13	SS 129	Total/NA	Solid	8015 NM	
890-7492-14	SS 154	Total/NA	Solid	8015 NM	
890-7492-15	SS 504	Total/NA	Solid	8015 NM	
890-7492-16	SS 398	Total/NA	Solid	8015 NM	
890-7492-17	SS 183	Total/NA	Solid	8015 NM	
890-7492-18	SS 200	Total/NA	Solid	8015 NM	
890-7492-19	SS 435	Total/NA	Solid	8015 NM	
890-7492-20	SS 477	Total/NA	Solid	8015 NM	
890-7492-21	SS 176	Total/NA	Solid	8015 NM	
890-7492-22	SS 138	Total/NA	Solid	8015 NM	
890-7492-23	SS 420	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC

Leach Batch: 98373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	DI Leach	
890-7492-13	SS 129	Soluble	Solid	DI Leach	
890-7492-14	SS 154	Soluble	Solid	DI Leach	
890-7492-15	SS 504	Soluble	Solid	DI Leach	
890-7492-16	SS 398	Soluble	Solid	DI Leach	
890-7492-17	SS 183	Soluble	Solid	DI Leach	
890-7492-18	SS 200	Soluble	Solid	DI Leach	
890-7492-19	SS 435	Soluble	Solid	DI Leach	
890-7492-20	SS 477	Soluble	Solid	DI Leach	
890-7492-21	SS 176	Soluble	Solid	DI Leach	
890-7492-22	SS 138	Soluble	Solid	DI Leach	
890-7492-23	SS 420	Soluble	Solid	DI Leach	
MB 880-98373/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-20 MS	SS 477	Soluble	Solid	DI Leach	
890-7492-20 MSD	SS 477	Soluble	Solid	DI Leach	

Leach Batch: 98374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	DI Leach	
890-7492-2	SS 20	Soluble	Solid	DI Leach	
890-7492-3	SS 64	Soluble	Solid	DI Leach	
890-7492-4	SS 80	Soluble	Solid	DI Leach	
890-7492-5	SS 262	Soluble	Solid	DI Leach	
890-7492-6	SS 320	Soluble	Solid	DI Leach	
890-7492-7	SS 488	Soluble	Solid	DI Leach	
890-7492-8	SS 46	Soluble	Solid	DI Leach	
890-7492-9	SS 107	Soluble	Solid	DI Leach	
890-7492-10	SS 290	Soluble	Solid	DI Leach	
890-7492-11	SS 339	Soluble	Solid	DI Leach	
MB 880-98374/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-2 MS	SS 20	Soluble	Solid	DI Leach	
890-7492-2 MSD	SS 20	Soluble	Solid	DI Leach	

Analysis Batch: 98376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	300.0	98374
890-7492-2	SS 20	Soluble	Solid	300.0	98374
890-7492-3	SS 64	Soluble	Solid	300.0	98374
890-7492-4	SS 80	Soluble	Solid	300.0	98374
890-7492-5	SS 262	Soluble	Solid	300.0	98374
890-7492-6	SS 320	Soluble	Solid	300.0	98374
890-7492-7	SS 488	Soluble	Solid	300.0	98374
890-7492-8	SS 46	Soluble	Solid	300.0	98374
890-7492-9	SS 107	Soluble	Solid	300.0	98374
890-7492-10	SS 290	Soluble	Solid	300.0	98374
890-7492-11	SS 339	Soluble	Solid	300.0	98374
MB 880-98374/1-A	Method Blank	Soluble	Solid	300.0	98374

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC (Continued)

Analysis Batch: 98376 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	300.0	98374
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98374
890-7492-2 MS	SS 20	Soluble	Solid	300.0	98374
890-7492-2 MSD	SS 20	Soluble	Solid	300.0	98374

Analysis Batch: 98377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	300.0	98373
890-7492-13	SS 129	Soluble	Solid	300.0	98373
890-7492-14	SS 154	Soluble	Solid	300.0	98373
890-7492-15	SS 504	Soluble	Solid	300.0	98373
890-7492-16	SS 398	Soluble	Solid	300.0	98373
890-7492-17	SS 183	Soluble	Solid	300.0	98373
890-7492-18	SS 200	Soluble	Solid	300.0	98373
890-7492-19	SS 435	Soluble	Solid	300.0	98373
890-7492-20	SS 477	Soluble	Solid	300.0	98373
890-7492-21	SS 176	Soluble	Solid	300.0	98373
890-7492-22	SS 138	Soluble	Solid	300.0	98373
890-7492-23	SS 420	Soluble	Solid	300.0	98373
MB 880-98373/1-A	Method Blank	Soluble	Solid	300.0	98373
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	300.0	98373
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98373
890-7492-20 MS	SS 477	Soluble	Solid	300.0	98373
890-7492-20 MSD	SS 477	Soluble	Solid	300.0	98373

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01

Date Collected: 12/19/24 08:20

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 11:51
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		5	98350	MNR	EET MID	12/20/24 13:55
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:55
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		20	98376	CH	EET MID	12/20/24 10:49

Client Sample ID: SS 20

Date Collected: 12/19/24 08:36

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:15
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:15
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 10:58

Client Sample ID: SS 64

Date Collected: 12/19/24 08:47

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 12:33
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:33
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 09:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 09:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:54

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80
Date Collected: 12/19/24 08:53
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:36
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:36
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:24
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:24
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:30

Client Sample ID: SS 262
Date Collected: 12/19/24 08:59
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		50	98350	MNR	EET MID	12/20/24 13:14
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:14
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:38
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:38
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:48

Client Sample ID: SS 320
Date Collected: 12/19/24 09:04
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		25	98350	MNR	EET MID	12/20/24 13:34
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:34
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:53
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:53
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:59

Client Sample ID: SS 488
Date Collected: 12/19/24 09:12
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		100	98351	MNR	EET MID	12/20/24 12:24
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:24

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488**Lab Sample ID: 890-7492-7****Date Collected: 12/19/24 09:12****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:08
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:08
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:06

Client Sample ID: SS 46**Lab Sample ID: 890-7492-8****Date Collected: 12/19/24 10:15****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 12:45
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:45
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:25
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:25
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:11

Client Sample ID: SS 107**Lab Sample ID: 890-7492-9****Date Collected: 12/19/24 10:22****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:05
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:05
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:17

Client Sample ID: SS 290**Lab Sample ID: 890-7492-10****Date Collected: 12/19/24 10:30****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:25
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:25
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:54
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:54

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:23

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:46
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:46
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:29

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 14:06
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:06
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:36

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 11:49
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 11:49
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:43

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154
Date Collected: 12/19/24 11:19
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:10
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:10
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:00
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:00
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:50

Client Sample ID: SS 504
Date Collected: 12/19/24 11:40
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		10	98353	MNR	EET MID	12/20/24 13:32
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:32
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:15
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:15
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:12

Client Sample ID: SS 398
Date Collected: 12/19/24 11:27
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:30
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:30
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:31
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:31
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:19

Client Sample ID: SS 183
Date Collected: 12/19/24 11:44
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:51
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:51

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:47
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:47
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:26

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 13:11
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:11
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:03
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:03
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:33

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:07
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:07
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:20
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:20
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:40

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:27
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:27
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:36
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:36

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:48

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		10	98352	MNR	EET MID	12/20/24 13:28
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:28
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:52
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:52
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:09

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:48
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:48
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 14:07
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 14:07
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 10:16

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 13:08
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:08
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98404	EL	EET MID	12/19/24 21:32
Total/NA	Analysis	8015B NM		1	98430	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:38

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7492-1	SS 01	Solid	12/19/24 08:20	12/19/24 15:45	- SURFACE
890-7492-2	SS 20	Solid	12/19/24 08:36	12/19/24 15:45	- SURFACE
890-7492-3	SS 64	Solid	12/19/24 08:47	12/19/24 15:45	- SURFACE
890-7492-4	SS 80	Solid	12/19/24 08:53	12/19/24 15:45	- SURFACE
890-7492-5	SS 262	Solid	12/19/24 08:59	12/19/24 15:45	- SURFACE
890-7492-6	SS 320	Solid	12/19/24 09:04	12/19/24 15:45	- SURFACE
890-7492-7	SS 488	Solid	12/19/24 09:12	12/19/24 15:45	- SURFACE
890-7492-8	SS 46	Solid	12/19/24 10:15	12/19/24 15:45	- SURFACE
890-7492-9	SS 107	Solid	12/19/24 10:22	12/19/24 15:45	- SURFACE
890-7492-10	SS 290	Solid	12/19/24 10:30	12/19/24 15:45	- SURFACE
890-7492-11	SS 339	Solid	12/19/24 10:37	12/19/24 15:45	- SURFACE
890-7492-12	SS 495	Solid	12/19/24 10:44	12/19/24 15:45	- SURFACE
890-7492-13	SS 129	Solid	12/19/24 11:07	12/19/24 15:45	- SURFACE
890-7492-14	SS 154	Solid	12/19/24 11:19	12/19/24 15:45	- SURFACE
890-7492-15	SS 504	Solid	12/19/24 11:40	12/19/24 15:45	- SURFACE
890-7492-16	SS 398	Solid	12/19/24 11:27	12/19/24 15:45	- SURFACE
890-7492-17	SS 183	Solid	12/19/24 11:44	12/19/24 15:45	- SURFACE
890-7492-18	SS 200	Solid	12/19/24 11:49	12/19/24 15:45	- SURFACE
890-7492-19	SS 435	Solid	12/19/24 11:53	12/19/24 15:45	- SURFACE
890-7492-20	SS 477	Solid	12/19/24 12:02	12/19/24 15:45	- SURFACE
890-7492-21	SS 176	Solid	12/19/24 12:07	12/19/24 15:45	- SURFACE
890-7492-22	SS 138	Solid	12/19/24 12:17	12/19/24 15:45	- SURFACE
890-7492-23	SS 420	Solid	12/19/24 12:22	12/19/24 15:45	- SURFACE



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
 Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
 EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
 Little Rock, AR (501) 224-5060

Environment Testing

Work Order No: _____

Page 1 of 3

Project Manager: <u>Michael Wicker</u>	Bill to: (if different) <u>CDH Consulting</u>
Company Name: <u>Cotto</u>	Company Name: _____
Address: _____	Address: _____
City, State ZIP: _____	City, State ZIP: _____
Phone: <u>506-970-8459</u>	Email: <u>mwicker@cdhconsult.com</u>

Project Name: <u>Close Encounter 30114</u>	Turn Around	Pres. Code
Project Number: _____	☐ Routine ☒ Rush	
Project Location: <u>Buckeye, NM</u>	Due Date: <u>12-20-2024</u>	
Sampler's Name: <u>Dakotah Cueto</u>	TAT starts the day received by the lab, if received by 4:30pm	
PO #: _____		

Sample Identification		Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						</
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Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
 Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature) <u>Dakotah Cueto</u>	Received by: (Signature) <u>[Signature]</u>	Date/Time <u>12/19 1545</u>
3		4
5		6

Revised Date: 06/25/2020 Rev. 2020.2



Chain of Custody

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EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 2 of 3

Project Manager: Michael Wicker		Bill to: (if different)		Work Order Comments	
Company Name: CETO		Company Name:		Program: ☐ UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
Address:		Address:		State of Project:	
City, State ZIP:		City, State ZIP:		Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Phone:		Email: mwicker@cetoconsult.com		Deliverables: EDD ☐ ADAPT ☐ Other:	
Project Name: Close Encounters, LLC		Turn Around		ANALYSIS REQUEST	
Project Number:		☐ Routine ☒ Rush		Preservative Codes	
Project Location: Buellville, NM		Due Date: 12-20-2024		None: NO DI Water: H ₂ O	
Sampler's Name: Dakotaiah Cweto		TAT starts the day received by the lab, if received by 4:30pm		Cool: Cool MeOH: Me	
PO #:				HCL: HC HNO ₃	
SAMPLE RECEIPT		Temp Blank: Yes No		H ₂ SO ₄ : H ₂ NaOH: Na	
Samples Received Intact: Yes No		Thermometer ID:		H ₃ PO ₄ : HP	
Cooler Custody Seals: Yes No N/A		Correction Factor:		NaHSO ₄ : NABIS	
Sample Custody Seals: Yes No N/A		Temperature Reading:		Na ₂ S ₂ O ₃ : NaSO ₃	
Total Containers:		Corrected Temperature:		Zn Acetate+NaOH: Zn	
				NaOH+Ascorbic Acid: SAPC	
Sample Identification		Date Sampled		Time Sampled	
Matrix		Depth		# of Cont	
Grab/Comp		Time		Sample Comments	
SS339		12/19/2024		10:37	
SS495		10:44		C 1	
SS129		11:07		C 1	
SS154		11:19		C 1	
SS504		11:40		C 1	
SS398		11:27		C 1	
SS183		11:44		C 1	
SS200		11:49		C 1	
SS435		11:53		C 1	
SS477		12:02		C 1	
Total 200.7 / 6010 200.8 / 6020:		8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn			
Circle Method(s) and Meta(s) to be analyzed		TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U		Hg: 1631 / 245.1 / 7470 / 7471	
Notes: Signature of this document and relinquishment of sample constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.					
Relinquished by: (Signature)		Received by: (Signature)		Date/Time	
1 Dakotaiah Cweto		2			
3		4			
5		6			

Revised Date: 08/25/2020 Rev. 2020.2





Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3499
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 3 of 3

[illegible]

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Source: Eurofins Midland

List Number: 2

List Creation: 12/19/24 09:21 PM

Creator: Laing, Edmundo

Question	Answer	Comment
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time (excluding tests with immediate HTs)		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").		



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Michael Wicker
CDH Consulting
9446 Clermont St,
Thornton, Colorado 80229
Generated 12/20/2024 3:02:55 PM

JOB DESCRIPTION

CLOSE ENCOUNTER 301 H
BUCKEYE

JOB NUMBER

890-7492-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

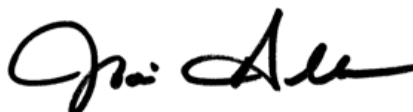
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
12/20/2024 3:02:55 PM

Authorized for release by
Jodi Allen, Project Manager I
Jodi.Allen@et.eurofinsus.com
(281)520-2865

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Laboratory Job ID: 890-7492-1
SDG: BUCKEYE

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Definitions/Glossary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1

Eurofins Carlsbad

Job Narrative
890-7492-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 12/19/2024 3:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 64 (890-7492-3), SS 80 (890-7492-4), SS 262 (890-7492-5), SS 320 (890-7492-6), SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11), SS 495 (890-7492-12), SS 129 (890-7492-13), SS 154 (890-7492-14), SS 504 (890-7492-15), SS 398 (890-7492-16), SS 183 (890-7492-17), SS 200 (890-7492-18), SS 435 (890-7492-19), SS 477 (890-7492-20), SS 176 (890-7492-21), SS 138 (890-7492-22) and SS 420 (890-7492-23).

GC VOA

Method 8021B: The following samples were diluted due to physical characteristics such as color, odor, appearance, viscosity, etc. >>: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 80 (890-7492-4), SS 262 (890-7492-5) and SS 320 (890-7492-6). Elevated reporting limits (RL) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 01 (890-7492-1), SS 20 (890-7492-2) and SS 64 (890-7492-3). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 398 (890-7492-16) and SS 200 (890-7492-18). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SS 176 (890-7492-21). Evidence of matrix interferences is not obvious.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11) and SS 495 (890-7492-12). Elevated reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 46 (890-7492-8), SS 290 (890-7492-10) and SS 495 (890-7492-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: SS 504 (890-7492-15). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-98402/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98402 and analytical batch 880-98425 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within

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Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1 (Continued)

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acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SS 262 (890-7492-5). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Due to the high concentration of Diesel Range Organics (Over C10-C28), the matrix spike (MS) for preparation batch 880-98403 and analytical batch 880-98427 could not be evaluated for accuracy. The associated matrix spike duplicate (MSD) met acceptance criteria.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SS 477 (890-7492-20), (LCS 880-98403/2-A) and (LCSD 880-98403/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The method blank for preparation batch 880-98404 and analytical batch 880-98430 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-98404/2-A) and (LCSD 880-98404/3-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-98404 and analytical batch 880-98430 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The laboratory control sample (LCS) for preparation batch 880-98403 and analytical batch 880-98427 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10. Since only an acceptable LCSD is required per the method, the LCSD shows recovery for the batch and the data has been qualified and reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98374 and analytical batch 880-98376 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01

Lab Sample ID: 890-7492-1

Date Collected: 12/19/24 08:20

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0101	U	0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Ethylbenzene	0.0947		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Toluene	0.0306		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Xylenes, Total	1.81		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
m-Xylene & p-Xylene	0.0449		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
o-Xylene	1.77		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:24	12/20/24 11:51	20
1,4-Difluorobenzene (Surr)	124		70 - 130				12/20/24 08:24	12/20/24 11:51	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.94		0.0202		mg/Kg			12/20/24 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	287		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	287		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				12/19/24 21:26	12/20/24 12:09	1
o-Terphenyl	86		70 - 130				12/19/24 21:26	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17600		199		mg/Kg			12/20/24 10:49	20

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Ethylbenzene	0.0420		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Toluene	0.0216		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Xylenes, Total	0.350		0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
m-Xylene & p-Xylene	<0.0401	U	0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
o-Xylene	0.350		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				12/20/24 08:24	12/20/24 14:15	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	136	S1+	70 - 130	12/20/24 08:24	12/20/24 14:15	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.414		0.0401		mg/Kg			12/20/24 14:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	110		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	110		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				12/19/24 21:26	12/20/24 12:23	1
o-Terphenyl	77		70 - 130				12/19/24 21:26	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300	F1	49.9		mg/Kg			12/20/24 10:58	5

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Ethylbenzene	0.242		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Toluene	0.0581		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Xylenes, Total	0.781		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
m-Xylene & p-Xylene	0.189		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
o-Xylene	0.592		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20
1,4-Difluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.08		0.0795		mg/Kg			12/20/24 12:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	631		50.0		mg/Kg			12/20/24 09:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Diesel Range Organics (Over C10-C28)	631	F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 09:40	1
o-Terphenyl	78		70 - 130				12/19/24 21:28	12/20/24 09:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3110		50.2		mg/Kg			12/20/24 11:54	5

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Ethylbenzene	0.0344		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Toluene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Xylenes, Total	0.680		0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
m-Xylene & p-Xylene	<0.0399	U	0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
o-Xylene	0.680		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				12/20/24 08:24	12/20/24 14:36	10
1,4-Difluorobenzene (Surr)	106		70 - 130				12/20/24 08:24	12/20/24 14:36	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.714		0.0399		mg/Kg			12/20/24 14:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	188		50.0		mg/Kg			12/20/24 10:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Diesel Range Organics (Over C10-C28)	188		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				12/19/24 21:28	12/20/24 10:24	1
o-Terphenyl	74		70 - 130				12/19/24 21:28	12/20/24 10:24	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3070		100		mg/Kg			12/20/24 11:30	10

Client Sample ID: SS 262

Lab Sample ID: 890-7492-5

Date Collected: 12/19/24 08:59

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Ethylbenzene	0.966		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Toluene	0.415		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Xylenes, Total	1.51		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
m-Xylene & p-Xylene	0.756		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
o-Xylene	0.754		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				12/20/24 08:24	12/20/24 13:14	50
1,4-Difluorobenzene (Surr)	122		70 - 130				12/20/24 08:24	12/20/24 13:14	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.89		0.202		mg/Kg			12/20/24 13:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	463		50.0		mg/Kg			12/20/24 10:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Diesel Range Organics (Over C10-C28)	463		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				12/19/24 21:28	12/20/24 10:38	1
o-Terphenyl	69	S1-	70 - 130				12/19/24 21:28	12/20/24 10:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4470		99.4		mg/Kg			12/20/24 11:48	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 320

Lab Sample ID: 890-7492-6

Date Collected: 12/19/24 09:04

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0503	U	0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Ethylbenzene	0.537		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Toluene	0.125		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Xylenes, Total	1.20		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
m-Xylene & p-Xylene	0.454		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
o-Xylene	0.746		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				12/20/24 08:24	12/20/24 13:34	25
1,4-Difluorobenzene (Surr)	126		70 - 130				12/20/24 08:24	12/20/24 13:34	25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.86		0.101		mg/Kg			12/20/24 13:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	876		49.7		mg/Kg			12/20/24 10:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Diesel Range Organics (Over C10-C28)	876		49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				12/19/24 21:28	12/20/24 10:53	1
o-Terphenyl	75		70 - 130				12/19/24 21:28	12/20/24 10:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3410		49.8		mg/Kg			12/20/24 11:59	5

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.199	U	0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Ethylbenzene	1.92		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Toluene	0.602		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Xylenes, Total	3.04		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
m-Xylene & p-Xylene	1.78		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
o-Xylene	1.26		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				12/20/24 08:27	12/20/24 12:24	100

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	100		70 - 130	12/20/24 08:27	12/20/24 12:24	100

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	5.56		0.398		mg/Kg			12/20/24 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2500		49.8		mg/Kg			12/20/24 11:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.7		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Diesel Range Organics (Over C10-C28)	2410		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:08	1
o-Terphenyl	95		70 - 130				12/19/24 21:28	12/20/24 11:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3680		49.6		mg/Kg			12/20/24 12:06	5

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.11		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Ethylbenzene	9.28		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Toluene	7.96		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Xylenes, Total	10.9		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
m-Xylene & p-Xylene	6.88		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
o-Xylene	4.05		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130	12/20/24 08:27	12/20/24 12:45	50
1,4-Difluorobenzene (Surr)	94		70 - 130	12/20/24 08:27	12/20/24 12:45	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	29.3		0.200		mg/Kg			12/20/24 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1330		49.9		mg/Kg			12/20/24 11:25	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 46
Date Collected: 12/19/24 10:15
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-8
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	95.0		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Diesel Range Organics (Over C10-C28)	1230		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:25	1
o-Terphenyl	81		70 - 130				12/19/24 21:28	12/20/24 11:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5420		101		mg/Kg			12/20/24 12:11	10

Client Sample ID: SS 107
Date Collected: 12/19/24 10:22
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-9
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Ethylbenzene	1.52		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Toluene	0.807		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Xylenes, Total	4.70		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
m-Xylene & p-Xylene	3.88		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
o-Xylene	0.815		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				12/20/24 08:27	12/20/24 13:05	50
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:27	12/20/24 13:05	50

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	7.02		0.202		mg/Kg			12/20/24 13:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	60.0		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Diesel Range Organics (Over C10-C28)	1450		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:40	1
o-Terphenyl	86		70 - 130				12/19/24 21:28	12/20/24 11:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5250		99.4		mg/Kg			12/20/24 12:17	10

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.151		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Ethylbenzene	3.30		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Toluene	1.75		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Xylenes, Total	4.33		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
m-Xylene & p-Xylene	2.60		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
o-Xylene	1.73		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:27	12/20/24 13:25	50
1,4-Difluorobenzene (Surr)	100		70 - 130				12/20/24 08:27	12/20/24 13:25	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	9.53		0.201		mg/Kg			12/20/24 13:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2470		49.8		mg/Kg			12/20/24 11:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	129		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Diesel Range Organics (Over C10-C28)	2340		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				12/19/24 21:28	12/20/24 11:54	1
o-Terphenyl	105		70 - 130				12/19/24 21:28	12/20/24 11:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5400		99.8		mg/Kg			12/20/24 12:23	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.106		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Ethylbenzene	3.81		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Toluene	1.12		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Xylenes, Total	5.28		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
m-Xylene & p-Xylene	3.48		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
o-Xylene	1.80		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				12/20/24 08:27	12/20/24 13:46	50
1,4-Difluorobenzene (Surr)	99		70 - 130				12/20/24 08:27	12/20/24 13:46	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	10.3		0.200		mg/Kg			12/20/24 13:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3950		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	154		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	3800		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:28	12/20/24 12:09	1
o-Terphenyl	121		70 - 130				12/19/24 21:28	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4280		49.9		mg/Kg			12/20/24 12:29	5

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0994	U	0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Ethylbenzene	5.40		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Toluene	1.34		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Xylenes, Total	7.57		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
m-Xylene & p-Xylene	4.90		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
o-Xylene	2.67		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130				12/20/24 08:27	12/20/24 14:06	50

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	12/20/24 08:27	12/20/24 14:06	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	14.3		0.199		mg/Kg			12/20/24 14:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3070		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	177		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	2890		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:28	12/20/24 12:23	1
o-Terphenyl	108		70 - 130				12/19/24 21:28	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3660		49.6		mg/Kg			12/20/24 08:36	5

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Ethylbenzene	0.0238		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Toluene	0.00837		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Xylenes, Total	0.0306		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
m-Xylene & p-Xylene	0.0204		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
o-Xylene	0.0102		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	12/20/24 08:33	12/20/24 11:49	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/20/24 08:33	12/20/24 11:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0628		0.00404		mg/Kg			12/20/24 11:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	538		49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Diesel Range Organics (Over C10-C28)	538	F1	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 11:11	1
o-Terphenyl	79		70 - 130				12/19/24 21:30	12/20/24 11:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3350		50.0		mg/Kg			12/20/24 08:43	5

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Ethylbenzene	0.0475		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Toluene	0.0124		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Xylenes, Total	0.0632		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
m-Xylene & p-Xylene	0.0373		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
o-Xylene	0.0259		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				12/20/24 08:33	12/20/24 12:10	1
1,4-Difluorobenzene (Surr)	93		70 - 130				12/20/24 08:33	12/20/24 12:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.123		0.00401		mg/Kg			12/20/24 12:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2710		49.8		mg/Kg			12/20/24 12:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Diesel Range Organics (Over C10-C28)	2710		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 12:00	1
o-Terphenyl	120		70 - 130				12/19/24 21:30	12/20/24 12:00	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1710		50.3		mg/Kg			12/20/24 08:50	5

Client Sample ID: SS 504

Lab Sample ID: 890-7492-15

Date Collected: 12/19/24 11:40

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Ethylbenzene	0.563		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Toluene	0.173		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Xylenes, Total	0.464		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
m-Xylene & p-Xylene	0.290		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
o-Xylene	0.174		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				12/20/24 08:33	12/20/24 13:32	10
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:33	12/20/24 13:32	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.20		0.0398		mg/Kg			12/20/24 13:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 12:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Diesel Range Organics (Over C10-C28)	1510		50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				12/19/24 21:30	12/20/24 12:15	1
o-Terphenyl	97		70 - 130				12/19/24 21:30	12/20/24 12:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2990		50.0		mg/Kg			12/20/24 09:12	5

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 398

Lab Sample ID: 890-7492-16

Date Collected: 12/19/24 11:27

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0262		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Ethylbenzene	0.199		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Toluene	0.168		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Xylenes, Total	0.269		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
m-Xylene & p-Xylene	0.158		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
o-Xylene	0.111		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	12/20/24 08:33	12/20/24 12:30	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:33	12/20/24 12:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.662		0.00399		mg/Kg			12/20/24 12:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3130		49.9		mg/Kg			12/20/24 12:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.1	*+	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Diesel Range Organics (Over C10-C28)	3040		49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	12/19/24 21:30	12/20/24 12:31	1
o-Terphenyl	120		70 - 130	12/19/24 21:30	12/20/24 12:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2960		50.1		mg/Kg			12/20/24 09:19	5

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Ethylbenzene	0.0487		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Toluene	0.00442		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Xylenes, Total	0.0402		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
m-Xylene & p-Xylene	0.0276		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
o-Xylene	0.0126		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	12/20/24 08:33	12/20/24 12:51	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	75		70 - 130	12/20/24 08:33	12/20/24 12:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0933		0.00404		mg/Kg			12/20/24 12:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	311		49.8		mg/Kg			12/20/24 12:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Diesel Range Organics (Over C10-C28)	311		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				12/19/24 21:30	12/20/24 12:47	1
o-Terphenyl	77		70 - 130				12/19/24 21:30	12/20/24 12:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.8		9.96		mg/Kg			12/20/24 09:26	1

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Ethylbenzene	0.191		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Toluene	0.110		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Xylenes, Total	0.265		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
m-Xylene & p-Xylene	0.156		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
o-Xylene	0.109		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130	12/20/24 08:33	12/20/24 13:11	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 13:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.566		0.00402		mg/Kg			12/20/24 13:11	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2050		49.9		mg/Kg			12/20/24 13:03	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Diesel Range Organics (Over C10-C28)	2050		49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				12/19/24 21:30	12/20/24 13:03	1
o-Terphenyl	106		70 - 130				12/19/24 21:30	12/20/24 13:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	930		10.0		mg/Kg			12/20/24 09:33	1

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Ethylbenzene	0.00665		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Toluene	0.00205		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Xylenes, Total	0.0105		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
m-Xylene & p-Xylene	0.00628		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
o-Xylene	0.00418		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				12/20/24 08:30	12/20/24 12:07	1
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 12:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0192		0.00404		mg/Kg			12/20/24 12:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	601		49.7		mg/Kg			12/20/24 13:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U **	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Diesel Range Organics (Over C10-C28)	601		49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				12/19/24 21:30	12/20/24 13:20	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 13:20	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3030		49.7		mg/Kg			12/20/24 09:40	5

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Xylenes, Total	0.133		0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
o-Xylene	0.133		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				12/20/24 08:30	12/20/24 12:27	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/20/24 08:30	12/20/24 12:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.133		0.00401		mg/Kg			12/20/24 12:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/20/24 13:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 13:36	1
o-Terphenyl	66	S1-	70 - 130				12/19/24 21:30	12/20/24 13:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		10.0		mg/Kg			12/20/24 09:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Ethylbenzene	0.950		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Toluene	0.199		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Xylenes, Total	1.58		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
m-Xylene & p-Xylene	0.943		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
o-Xylene	0.636		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	193	S1+	70 - 130				12/20/24 08:30	12/20/24 13:28	10
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 13:28	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.73		0.0398		mg/Kg			12/20/24 13:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2110		49.8		mg/Kg			12/20/24 13:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Diesel Range Organics (Over C10-C28)	2110		49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:30	12/20/24 13:52	1
o-Terphenyl	112		70 - 130				12/19/24 21:30	12/20/24 13:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	812		9.98		mg/Kg			12/20/24 10:09	1

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Ethylbenzene	0.0120		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Toluene	0.00377		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Xylenes, Total	0.0233		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
m-Xylene & p-Xylene	0.0102		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
o-Xylene	0.0131		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				12/20/24 08:30	12/20/24 12:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130	12/20/24 08:30	12/20/24 12:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0391		0.00399		mg/Kg			12/20/24 12:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	573		49.8		mg/Kg			12/20/24 14:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Diesel Range Organics (Over C10-C28)	573		49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 14:07	1
o-Terphenyl	78		70 - 130				12/19/24 21:30	12/20/24 14:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2650		50.1		mg/Kg			12/20/24 10:16	5

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Xylenes, Total	0.0889		0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
o-Xylene	0.0889		0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	12/20/24 08:30	12/20/24 13:08	1
1,4-Difluorobenzene (Surr)	91		70 - 130	12/20/24 08:30	12/20/24 13:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0889		0.00404		mg/Kg			12/20/24 13:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 420
Date Collected: 12/19/24 12:22
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-23
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	104		70 - 130				12/19/24 21:32	12/20/24 11:11	1	
o-Terphenyl	109		70 - 130				12/19/24 21:32	12/20/24 11:11	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	162		9.94		mg/Kg			12/20/24 10:38	1	

Surrogate Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
890-7492-1	SS 01	131 S1+	124
890-7492-2	SS 20	128	136 S1+
890-7492-3	SS 64	137 S1+	131 S1+
890-7492-4	SS 80	144 S1+	106
890-7492-5	SS 262	125	122
890-7492-6	SS 320	126	126
890-7492-7	SS 488	106	100
890-7492-8	SS 46	171 S1+	94
890-7492-9	SS 107	107	101
890-7492-10	SS 290	131 S1+	100
890-7492-11	SS 339	122	99
890-7492-12	SS 495	139 S1+	104
890-7492-13	SS 129	109	95
890-7492-14	SS 154	99	93
890-7492-15	SS 504	110	94
890-7492-16	SS 398	141 S1+	96
890-7492-17	SS 183	88	75
890-7492-18	SS 200	159 S1+	93
890-7492-19	SS 435	113	104
890-7492-20	SS 477	98	95
890-7492-21	SS 176	193 S1+	104
890-7492-22	SS 138	115	103
890-7492-23	SS 420	95	91
LCS 880-98432/1-A	Lab Control Sample	101	96
LCS 880-98433/1-A	Lab Control Sample	96	103
LCS 880-98434/1-A	Lab Control Sample	107	104
LCS 880-98435/1-A	Lab Control Sample	106	99
LCSD 880-98432/2-A	Lab Control Sample Dup	103	99
LCSD 880-98433/2-A	Lab Control Sample Dup	94	103
LCSD 880-98434/2-A	Lab Control Sample Dup	109	103
LCSD 880-98435/2-A	Lab Control Sample Dup	108	98
MB 880-98432/5-A	Method Blank	112	85
MB 880-98433/5-A	Method Blank	98	96
MB 880-98434/5-A	Method Blank	111	101
MB 880-98435/5-A	Method Blank	92	93

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1	OTPH1
		(70-130)	(70-130)
890-7492-1	SS 01	83	86
890-7492-2	SS 20	76	77
890-7492-3	SS 64	75	78
890-7492-3 MS	SS 64	78	76

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Surrogate Summary

Client: CDH Consulting

Job ID: 890-7492-1

Project/Site: CLOSE ENCOUNTER 301 H

SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-3 MSD	SS 64	77	76
890-7492-4	SS 80	73	74
890-7492-5	SS 262	70	69 S1-
890-7492-6	SS 320	74	75
890-7492-7	SS 488	75	95
890-7492-8	SS 46	75	81
890-7492-9	SS 107	75	86
890-7492-10	SS 290	85	105
890-7492-11	SS 339	84	121
890-7492-12	SS 495	88	108
890-7492-13	SS 129	84	79
890-7492-13 MS	SS 129	80	81
890-7492-13 MSD	SS 129	79	81
890-7492-14	SS 154	84	120
890-7492-15	SS 504	92	97
890-7492-16	SS 398	85	120
890-7492-17	SS 183	87	77
890-7492-18	SS 200	82	106
890-7492-19	SS 435	77	74
890-7492-20	SS 477	81	66 S1-
890-7492-21	SS 176	88	112
890-7492-22	SS 138	81	78
890-7492-23	SS 420	104	109
890-7492-23 MS	SS 420	92	99
890-7492-23 MSD	SS 420	92	99
LCS 880-98401/2-A	Lab Control Sample	118	102
LCS 880-98402/2-A	Lab Control Sample	121	104
LCS 880-98403/2-A	Lab Control Sample	136 S1+	123
LCS 880-98404/2-A	Lab Control Sample	158 S1+	172 S1+
LCSD 880-98401/3-A	Lab Control Sample Dup	110	95
LCSD 880-98402/3-A	Lab Control Sample Dup	145 S1+	123
LCSD 880-98403/3-A	Lab Control Sample Dup	133 S1+	120
LCSD 880-98404/3-A	Lab Control Sample Dup	166 S1+	175 S1+
MB 880-98401/1-A	Method Blank	81	80
MB 880-98402/1-A	Method Blank	75	75
MB 880-98403/1-A	Method Blank	91	74
MB 880-98404/1-A	Method Blank	93	96
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-98432/5-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	12/20/24 08:24	12/20/24 11:08	1
1,4-Difluorobenzene (Surr)	85		70 - 130	12/20/24 08:24	12/20/24 11:08	1

Lab Sample ID: LCS 880-98432/1-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1137		mg/Kg		114	70 - 130
Ethylbenzene	0.100	0.1107		mg/Kg		111	70 - 130
Toluene	0.100	0.1082		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2221		mg/Kg		111	70 - 130
o-Xylene	0.100	0.1128		mg/Kg		113	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-98432/2-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1182		mg/Kg		118	70 - 130	4	35
Ethylbenzene	0.100	0.1145		mg/Kg		114	70 - 130	3	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2282		mg/Kg		114	70 - 130	3	35
o-Xylene	0.100	0.1165		mg/Kg		117	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	12/20/24 08:27	12/20/24 11:02	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:27	12/20/24 11:02	1

Lab Sample ID: LCS 880-98433/1-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1001		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09410		mg/Kg		94	70 - 130
Toluene	0.100	0.09371		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1885		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09536		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-98433/2-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1048		mg/Kg		105	70 - 130	5	35
Ethylbenzene	0.100	0.09886		mg/Kg		99	70 - 130	5	35
Toluene	0.100	0.09817		mg/Kg		98	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1969		mg/Kg		98	70 - 130	4	35
o-Xylene	0.100	0.09974		mg/Kg		100	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	111		70 - 130				12/20/24 08:30	12/20/24 11:25	1
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:30	12/20/24 11:25	1

Lab Sample ID: LCS 880-98434/1-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits		
		Result	Qualifier						
Benzene	0.100	0.1149		mg/Kg		115	70 - 130		
Ethylbenzene	0.100	0.1100		mg/Kg		110	70 - 130		
Toluene	0.100	0.1116		mg/Kg		112	70 - 130		
m-Xylene & p-Xylene	0.200	0.2234		mg/Kg		112	70 - 130		
o-Xylene	0.100	0.1142		mg/Kg		114	70 - 130		
Surrogate	LCS	LCS	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	107		70 - 130						
1,4-Difluorobenzene (Surr)	104		70 - 130						

Lab Sample ID: LCSD 880-98434/2-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.1162		mg/Kg		116	70 - 130	1	35
Ethylbenzene	0.100	0.1102		mg/Kg		110	70 - 130	0	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2247		mg/Kg		112	70 - 130	1	35
o-Xylene	0.100	0.1148		mg/Kg		115	70 - 130	1	35
Surrogate	LCSD	LCSD	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	109		70 - 130						
1,4-Difluorobenzene (Surr)	103		70 - 130						

Lab Sample ID: MB 880-98435/5-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98435

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac		
4-Bromofluorobenzene (Surr)	92		70 - 130	12/20/24 08:33	12/20/24 11:07	1			
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 11:07	1			

Lab Sample ID: LCS 880-98435/1-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1025		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.1037		mg/Kg		104	70 - 130
Toluene	0.100	0.1077		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2015		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1117		mg/Kg		112	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-98435/2-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1068		mg/Kg		107	70 - 130	4	35
Ethylbenzene	0.100	0.1065		mg/Kg		107	70 - 130	3	35
Toluene	0.100	0.1103		mg/Kg		110	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2041		mg/Kg		102	70 - 130	1	35
o-Xylene	0.100	0.1136		mg/Kg		114	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-98401/1-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98401

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil	Fac
1-Chlorooctane	81		70 - 130	12/19/24 21:26	12/20/24 00:11	1	
o-Terphenyl	80		70 - 130	12/19/24 21:26	12/20/24 00:11	1	

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98401/2-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98401

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1058		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	960.9		mg/Kg		96	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	118		70 - 130				
o-Terphenyl	102		70 - 130				

Lab Sample ID: LCSD 880-98401/3-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98401

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1005		mg/Kg		101	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	903.5		mg/Kg		90	70 - 130	6	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	110		70 - 130						
o-Terphenyl	95		70 - 130						

Lab Sample ID: MB 880-98402/1-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98402

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1-Chlorooctane	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	
o-Terphenyl	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	

Lab Sample ID: LCS 880-98402/2-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1061		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1028		mg/Kg		103	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98402/2-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98402

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: LCSD 880-98402/3-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98402

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1288		mg/Kg		129	70 - 130	19	20
Diesel Range Organics (Over C10-C28)			1000	1231		mg/Kg		123	70 - 130	18	20
Surrogate	LCSD	LCSD									
	%Recovery	Qualifier									
1-Chlorooctane	145	S1+									
o-Terphenyl	123										

Lab Sample ID: 890-7492-3 MS
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: SS 64
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	665.3	F1	mg/Kg		67	70 - 130		
Diesel Range Organics (Over C10-C28)	631	F1	998	1155	F1	mg/Kg		53	70 - 130		
Surrogate	MS	MS									
	%Recovery	Qualifier									
1-Chlorooctane	78										
o-Terphenyl	76										

Lab Sample ID: 890-7492-3 MSD
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: SS 64
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	660.4	F1	mg/Kg		66	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	631	F1	998	1141	F1	mg/Kg		51	70 - 130	1	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier									
1-Chlorooctane	77										
o-Terphenyl	76										

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-98403/1-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98403

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				12/19/24 21:30	12/20/24 09:12	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 09:12	1

Lab Sample ID: LCS 880-98403/2-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1333	*+	mg/Kg		133	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1178		mg/Kg		118	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	136	S1+	70 - 130				
o-Terphenyl	123		70 - 130				

Lab Sample ID: LCSD 880-98403/3-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1180		mg/Kg		118	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	1000	1166		mg/Kg		117	70 - 130	1	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	133	S1+	70 - 130						
o-Terphenyl	120		70 - 130						

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	997	729.6		mg/Kg		73	70 - 130
Diesel Range Organics (Over C10-C28)	538	F1	997	1207	F1	mg/Kg		67	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	80		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: 890-7492-13 MSD

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	997	855.4		mg/Kg		86	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	538	F1	997	1282		mg/Kg		75	70 - 130	6	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	79		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: MB 880-98404/1-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98404

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	93		70 - 130	12/19/24 21:32	12/20/24 09:12	1			
o-Terphenyl	96		70 - 130	12/19/24 21:32	12/20/24 09:12	1			

Lab Sample ID: LCS 880-98404/2-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1398	*+	mg/Kg		140	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1468	*+	mg/Kg		147	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	158	S1+	70 - 130
o-Terphenyl	172	S1+	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-98404/3-A
Matrix: Solid
Analysis Batch: 98430

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98404

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1465	*+	mg/Kg		147	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	1590	*+	mg/Kg		159	70 - 130	8	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	166	S1+	70 - 130						
o-Terphenyl	175	S1+	70 - 130						

Lab Sample ID: 890-7492-23 MS
Matrix: Solid
Analysis Batch: 98430

Client Sample ID: SS 420
Prep Type: Total/NA
Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	781.1		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	867.3		mg/Kg		84	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Lab Sample ID: 890-7492-23 MSD
Matrix: Solid
Analysis Batch: 98430

Client Sample ID: SS 420
Prep Type: Total/NA
Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	804.1		mg/Kg		80	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	863.1		mg/Kg		84	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-98374/1-A
Matrix: Solid
Analysis Batch: 98376

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 08:34	1

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-98374/2-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.6		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-98374/3-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	245.0		mg/Kg		98	90 - 110	2	20

Lab Sample ID: 890-7492-2 MS

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1300	F1	1250	3073	F1	mg/Kg		142	90 - 110

Lab Sample ID: 890-7492-2 MSD

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1300	F1	1250	3070	F1	mg/Kg		142	90 - 110	0	20

Lab Sample ID: MB 880-98373/1-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 03:00	1

Lab Sample ID: LCS 880-98373/2-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	258.6		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-98373/3-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	257.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-7492-20 MS

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: SS 477

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	126		257	387.5		mg/Kg		102	90 - 110

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-7492-20 MSD							Client Sample ID: SS 477					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 98377												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	126		248	372.8		mg/Kg		100	90 - 110	4	20	

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA

Analysis Batch: 98350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-2	SS 20	Total/NA	Solid	8021B	98432
890-7492-3	SS 64	Total/NA	Solid	8021B	98432
890-7492-4	SS 80	Total/NA	Solid	8021B	98432
890-7492-5	SS 262	Total/NA	Solid	8021B	98432
890-7492-6	SS 320	Total/NA	Solid	8021B	98432
MB 880-98432/5-A	Method Blank	Total/NA	Solid	8021B	98432
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	8021B	98432
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98432

Analysis Batch: 98351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	8021B	98433
890-7492-8	SS 46	Total/NA	Solid	8021B	98433
890-7492-9	SS 107	Total/NA	Solid	8021B	98433
890-7492-10	SS 290	Total/NA	Solid	8021B	98433
890-7492-11	SS 339	Total/NA	Solid	8021B	98433
890-7492-12	SS 495	Total/NA	Solid	8021B	98433
MB 880-98433/5-A	Method Blank	Total/NA	Solid	8021B	98433
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	8021B	98433
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98433

Analysis Batch: 98352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	8021B	98434
890-7492-20	SS 477	Total/NA	Solid	8021B	98434
890-7492-21	SS 176	Total/NA	Solid	8021B	98434
890-7492-22	SS 138	Total/NA	Solid	8021B	98434
890-7492-23	SS 420	Total/NA	Solid	8021B	98434
MB 880-98434/5-A	Method Blank	Total/NA	Solid	8021B	98434
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	8021B	98434
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98434

Analysis Batch: 98353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8021B	98435
890-7492-14	SS 154	Total/NA	Solid	8021B	98435
890-7492-15	SS 504	Total/NA	Solid	8021B	98435
890-7492-16	SS 398	Total/NA	Solid	8021B	98435
890-7492-17	SS 183	Total/NA	Solid	8021B	98435
890-7492-18	SS 200	Total/NA	Solid	8021B	98435
MB 880-98435/5-A	Method Blank	Total/NA	Solid	8021B	98435
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	8021B	98435
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98435

Prep Batch: 98432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	5035	
890-7492-2	SS 20	Total/NA	Solid	5035	
890-7492-3	SS 64	Total/NA	Solid	5035	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Prep Batch: 98432 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-4	SS 80	Total/NA	Solid	5035	
890-7492-5	SS 262	Total/NA	Solid	5035	
890-7492-6	SS 320	Total/NA	Solid	5035	
MB 880-98432/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	5035	
890-7492-8	SS 46	Total/NA	Solid	5035	
890-7492-9	SS 107	Total/NA	Solid	5035	
890-7492-10	SS 290	Total/NA	Solid	5035	
890-7492-11	SS 339	Total/NA	Solid	5035	
890-7492-12	SS 495	Total/NA	Solid	5035	
MB 880-98433/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	5035	
890-7492-20	SS 477	Total/NA	Solid	5035	
890-7492-21	SS 176	Total/NA	Solid	5035	
890-7492-22	SS 138	Total/NA	Solid	5035	
890-7492-23	SS 420	Total/NA	Solid	5035	
MB 880-98434/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	5035	
890-7492-14	SS 154	Total/NA	Solid	5035	
890-7492-15	SS 504	Total/NA	Solid	5035	
890-7492-16	SS 398	Total/NA	Solid	5035	
890-7492-17	SS 183	Total/NA	Solid	5035	
890-7492-18	SS 200	Total/NA	Solid	5035	
MB 880-98435/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 98498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	Total BTEX	
890-7492-2	SS 20	Total/NA	Solid	Total BTEX	
890-7492-3	SS 64	Total/NA	Solid	Total BTEX	
890-7492-4	SS 80	Total/NA	Solid	Total BTEX	
890-7492-5	SS 262	Total/NA	Solid	Total BTEX	
890-7492-6	SS 320	Total/NA	Solid	Total BTEX	
890-7492-7	SS 488	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Analysis Batch: 98498 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-8	SS 46	Total/NA	Solid	Total BTEX	
890-7492-9	SS 107	Total/NA	Solid	Total BTEX	
890-7492-10	SS 290	Total/NA	Solid	Total BTEX	
890-7492-11	SS 339	Total/NA	Solid	Total BTEX	
890-7492-12	SS 495	Total/NA	Solid	Total BTEX	
890-7492-13	SS 129	Total/NA	Solid	Total BTEX	
890-7492-14	SS 154	Total/NA	Solid	Total BTEX	
890-7492-15	SS 504	Total/NA	Solid	Total BTEX	
890-7492-16	SS 398	Total/NA	Solid	Total BTEX	
890-7492-17	SS 183	Total/NA	Solid	Total BTEX	
890-7492-18	SS 200	Total/NA	Solid	Total BTEX	
890-7492-19	SS 435	Total/NA	Solid	Total BTEX	
890-7492-20	SS 477	Total/NA	Solid	Total BTEX	
890-7492-21	SS 176	Total/NA	Solid	Total BTEX	
890-7492-22	SS 138	Total/NA	Solid	Total BTEX	
890-7492-23	SS 420	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 98401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015NM Prep	
890-7492-2	SS 20	Total/NA	Solid	8015NM Prep	
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 98402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-4	SS 80	Total/NA	Solid	8015NM Prep	
890-7492-5	SS 262	Total/NA	Solid	8015NM Prep	
890-7492-6	SS 320	Total/NA	Solid	8015NM Prep	
890-7492-7	SS 488	Total/NA	Solid	8015NM Prep	
890-7492-8	SS 46	Total/NA	Solid	8015NM Prep	
890-7492-9	SS 107	Total/NA	Solid	8015NM Prep	
890-7492-10	SS 290	Total/NA	Solid	8015NM Prep	
890-7492-11	SS 339	Total/NA	Solid	8015NM Prep	
890-7492-12	SS 495	Total/NA	Solid	8015NM Prep	
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-3 MS	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-3 MSD	SS 64	Total/NA	Solid	8015NM Prep	

Prep Batch: 98403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-14	SS 154	Total/NA	Solid	8015NM Prep	
890-7492-15	SS 504	Total/NA	Solid	8015NM Prep	
890-7492-16	SS 398	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Prep Batch: 98403 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-17	SS 183	Total/NA	Solid	8015NM Prep	
890-7492-18	SS 200	Total/NA	Solid	8015NM Prep	
890-7492-19	SS 435	Total/NA	Solid	8015NM Prep	
890-7492-20	SS 477	Total/NA	Solid	8015NM Prep	
890-7492-21	SS 176	Total/NA	Solid	8015NM Prep	
890-7492-22	SS 138	Total/NA	Solid	8015NM Prep	
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-13 MS	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-13 MSD	SS 129	Total/NA	Solid	8015NM Prep	

Prep Batch: 98404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015NM Prep	
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-23 MS	SS 420	Total/NA	Solid	8015NM Prep	
890-7492-23 MSD	SS 420	Total/NA	Solid	8015NM Prep	

Analysis Batch: 98423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015B NM	98401
890-7492-2	SS 20	Total/NA	Solid	8015B NM	98401
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015B NM	98401
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98401
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98401

Analysis Batch: 98425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-4	SS 80	Total/NA	Solid	8015B NM	98402
890-7492-5	SS 262	Total/NA	Solid	8015B NM	98402
890-7492-6	SS 320	Total/NA	Solid	8015B NM	98402
890-7492-7	SS 488	Total/NA	Solid	8015B NM	98402
890-7492-8	SS 46	Total/NA	Solid	8015B NM	98402
890-7492-9	SS 107	Total/NA	Solid	8015B NM	98402
890-7492-10	SS 290	Total/NA	Solid	8015B NM	98402
890-7492-11	SS 339	Total/NA	Solid	8015B NM	98402
890-7492-12	SS 495	Total/NA	Solid	8015B NM	98402
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015B NM	98402
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98402
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98402
890-7492-3 MS	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-3 MSD	SS 64	Total/NA	Solid	8015B NM	98402

Analysis Batch: 98427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-14	SS 154	Total/NA	Solid	8015B NM	98403

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Analysis Batch: 98427 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-15	SS 504	Total/NA	Solid	8015B NM	98403
890-7492-16	SS 398	Total/NA	Solid	8015B NM	98403
890-7492-17	SS 183	Total/NA	Solid	8015B NM	98403
890-7492-18	SS 200	Total/NA	Solid	8015B NM	98403
890-7492-19	SS 435	Total/NA	Solid	8015B NM	98403
890-7492-20	SS 477	Total/NA	Solid	8015B NM	98403
890-7492-21	SS 176	Total/NA	Solid	8015B NM	98403
890-7492-22	SS 138	Total/NA	Solid	8015B NM	98403
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015B NM	98403
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98403
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98403
890-7492-13 MS	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-13 MSD	SS 129	Total/NA	Solid	8015B NM	98403

Analysis Batch: 98430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015B NM	98404
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015B NM	98404
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98404
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98404
890-7492-23 MS	SS 420	Total/NA	Solid	8015B NM	98404
890-7492-23 MSD	SS 420	Total/NA	Solid	8015B NM	98404

Analysis Batch: 98523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015 NM	
890-7492-2	SS 20	Total/NA	Solid	8015 NM	
890-7492-3	SS 64	Total/NA	Solid	8015 NM	
890-7492-4	SS 80	Total/NA	Solid	8015 NM	
890-7492-5	SS 262	Total/NA	Solid	8015 NM	
890-7492-6	SS 320	Total/NA	Solid	8015 NM	
890-7492-7	SS 488	Total/NA	Solid	8015 NM	
890-7492-8	SS 46	Total/NA	Solid	8015 NM	
890-7492-9	SS 107	Total/NA	Solid	8015 NM	
890-7492-10	SS 290	Total/NA	Solid	8015 NM	
890-7492-11	SS 339	Total/NA	Solid	8015 NM	
890-7492-12	SS 495	Total/NA	Solid	8015 NM	
890-7492-13	SS 129	Total/NA	Solid	8015 NM	
890-7492-14	SS 154	Total/NA	Solid	8015 NM	
890-7492-15	SS 504	Total/NA	Solid	8015 NM	
890-7492-16	SS 398	Total/NA	Solid	8015 NM	
890-7492-17	SS 183	Total/NA	Solid	8015 NM	
890-7492-18	SS 200	Total/NA	Solid	8015 NM	
890-7492-19	SS 435	Total/NA	Solid	8015 NM	
890-7492-20	SS 477	Total/NA	Solid	8015 NM	
890-7492-21	SS 176	Total/NA	Solid	8015 NM	
890-7492-22	SS 138	Total/NA	Solid	8015 NM	
890-7492-23	SS 420	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC

Leach Batch: 98373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	DI Leach	
890-7492-13	SS 129	Soluble	Solid	DI Leach	
890-7492-14	SS 154	Soluble	Solid	DI Leach	
890-7492-15	SS 504	Soluble	Solid	DI Leach	
890-7492-16	SS 398	Soluble	Solid	DI Leach	
890-7492-17	SS 183	Soluble	Solid	DI Leach	
890-7492-18	SS 200	Soluble	Solid	DI Leach	
890-7492-19	SS 435	Soluble	Solid	DI Leach	
890-7492-20	SS 477	Soluble	Solid	DI Leach	
890-7492-21	SS 176	Soluble	Solid	DI Leach	
890-7492-22	SS 138	Soluble	Solid	DI Leach	
890-7492-23	SS 420	Soluble	Solid	DI Leach	
MB 880-98373/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-20 MS	SS 477	Soluble	Solid	DI Leach	
890-7492-20 MSD	SS 477	Soluble	Solid	DI Leach	

Leach Batch: 98374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	DI Leach	
890-7492-2	SS 20	Soluble	Solid	DI Leach	
890-7492-3	SS 64	Soluble	Solid	DI Leach	
890-7492-4	SS 80	Soluble	Solid	DI Leach	
890-7492-5	SS 262	Soluble	Solid	DI Leach	
890-7492-6	SS 320	Soluble	Solid	DI Leach	
890-7492-7	SS 488	Soluble	Solid	DI Leach	
890-7492-8	SS 46	Soluble	Solid	DI Leach	
890-7492-9	SS 107	Soluble	Solid	DI Leach	
890-7492-10	SS 290	Soluble	Solid	DI Leach	
890-7492-11	SS 339	Soluble	Solid	DI Leach	
MB 880-98374/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-2 MS	SS 20	Soluble	Solid	DI Leach	
890-7492-2 MSD	SS 20	Soluble	Solid	DI Leach	

Analysis Batch: 98376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	300.0	98374
890-7492-2	SS 20	Soluble	Solid	300.0	98374
890-7492-3	SS 64	Soluble	Solid	300.0	98374
890-7492-4	SS 80	Soluble	Solid	300.0	98374
890-7492-5	SS 262	Soluble	Solid	300.0	98374
890-7492-6	SS 320	Soluble	Solid	300.0	98374
890-7492-7	SS 488	Soluble	Solid	300.0	98374
890-7492-8	SS 46	Soluble	Solid	300.0	98374
890-7492-9	SS 107	Soluble	Solid	300.0	98374
890-7492-10	SS 290	Soluble	Solid	300.0	98374
890-7492-11	SS 339	Soluble	Solid	300.0	98374
MB 880-98374/1-A	Method Blank	Soluble	Solid	300.0	98374

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC (Continued)

Analysis Batch: 98376 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	300.0	98374
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98374
890-7492-2 MS	SS 20	Soluble	Solid	300.0	98374
890-7492-2 MSD	SS 20	Soluble	Solid	300.0	98374

Analysis Batch: 98377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	300.0	98373
890-7492-13	SS 129	Soluble	Solid	300.0	98373
890-7492-14	SS 154	Soluble	Solid	300.0	98373
890-7492-15	SS 504	Soluble	Solid	300.0	98373
890-7492-16	SS 398	Soluble	Solid	300.0	98373
890-7492-17	SS 183	Soluble	Solid	300.0	98373
890-7492-18	SS 200	Soluble	Solid	300.0	98373
890-7492-19	SS 435	Soluble	Solid	300.0	98373
890-7492-20	SS 477	Soluble	Solid	300.0	98373
890-7492-21	SS 176	Soluble	Solid	300.0	98373
890-7492-22	SS 138	Soluble	Solid	300.0	98373
890-7492-23	SS 420	Soluble	Solid	300.0	98373
MB 880-98373/1-A	Method Blank	Soluble	Solid	300.0	98373
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	300.0	98373
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98373
890-7492-20 MS	SS 477	Soluble	Solid	300.0	98373
890-7492-20 MSD	SS 477	Soluble	Solid	300.0	98373

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01
Date Collected: 12/19/24 08:20
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 11:51
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		5	98350	MNR	EET MID	12/20/24 13:55
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:55
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		20	98376	CH	EET MID	12/20/24 10:49

Client Sample ID: SS 20
Date Collected: 12/19/24 08:36
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:15
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:15
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 10:58

Client Sample ID: SS 64
Date Collected: 12/19/24 08:47
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 12:33
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:33
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 09:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 09:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:54

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80
Date Collected: 12/19/24 08:53
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:36
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:36
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:24
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:24
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:30

Client Sample ID: SS 262
Date Collected: 12/19/24 08:59
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		50	98350	MNR	EET MID	12/20/24 13:14
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:14
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:38
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:38
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:48

Client Sample ID: SS 320
Date Collected: 12/19/24 09:04
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		25	98350	MNR	EET MID	12/20/24 13:34
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:34
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:53
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:53
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:59

Client Sample ID: SS 488
Date Collected: 12/19/24 09:12
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		100	98351	MNR	EET MID	12/20/24 12:24
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:24

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488

Date Collected: 12/19/24 09:12

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:08
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:08
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:06

Client Sample ID: SS 46

Date Collected: 12/19/24 10:15

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 12:45
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:45
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:25
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:25
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:11

Client Sample ID: SS 107

Date Collected: 12/19/24 10:22

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:05
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:05
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:17

Client Sample ID: SS 290

Date Collected: 12/19/24 10:30

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:25
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:25
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:54
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:54

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:23

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:46
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:46
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:29

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 14:06
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:06
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:36

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 11:49
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 11:49
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:43

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Date Collected: 12/19/24 11:19

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:10
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:10
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:00
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:00
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:50

Client Sample ID: SS 504

Date Collected: 12/19/24 11:40

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		10	98353	MNR	EET MID	12/20/24 13:32
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:32
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:15
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:15
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:12

Client Sample ID: SS 398

Date Collected: 12/19/24 11:27

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:30
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:30
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:31
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:31
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:19

Client Sample ID: SS 183

Date Collected: 12/19/24 11:44

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:51
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:51

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183
Date Collected: 12/19/24 11:44
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:47
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:47
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:26

Client Sample ID: SS 200
Date Collected: 12/19/24 11:49
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 13:11
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:11
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:03
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:03
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:33

Client Sample ID: SS 435
Date Collected: 12/19/24 11:53
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:07
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:07
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:20
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:20
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:40

Client Sample ID: SS 477
Date Collected: 12/19/24 12:02
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:27
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:27
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:36
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:36

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 477

Date Collected: 12/19/24 12:02

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:48

Client Sample ID: SS 176

Date Collected: 12/19/24 12:07

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-21

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		10	98352	MNR	EET MID	12/20/24 13:28
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:28
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:52
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:52
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:09

Client Sample ID: SS 138

Date Collected: 12/19/24 12:17

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-22

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:48
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:48
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 14:07
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 14:07
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 10:16

Client Sample ID: SS 420

Date Collected: 12/19/24 12:22

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-23

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 13:08
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:08
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98404	EL	EET MID	12/19/24 21:32
Total/NA	Analysis	8015B NM		1	98430	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:38

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
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Method Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7492-1	SS 01	Solid	12/19/24 08:20	12/19/24 15:45	- SURFACE
890-7492-2	SS 20	Solid	12/19/24 08:36	12/19/24 15:45	- SURFACE
890-7492-3	SS 64	Solid	12/19/24 08:47	12/19/24 15:45	- SURFACE
890-7492-4	SS 80	Solid	12/19/24 08:53	12/19/24 15:45	- SURFACE
890-7492-5	SS 262	Solid	12/19/24 08:59	12/19/24 15:45	- SURFACE
890-7492-6	SS 320	Solid	12/19/24 09:04	12/19/24 15:45	- SURFACE
890-7492-7	SS 488	Solid	12/19/24 09:12	12/19/24 15:45	- SURFACE
890-7492-8	SS 46	Solid	12/19/24 10:15	12/19/24 15:45	- SURFACE
890-7492-9	SS 107	Solid	12/19/24 10:22	12/19/24 15:45	- SURFACE
890-7492-10	SS 290	Solid	12/19/24 10:30	12/19/24 15:45	- SURFACE
890-7492-11	SS 339	Solid	12/19/24 10:37	12/19/24 15:45	- SURFACE
890-7492-12	SS 495	Solid	12/19/24 10:44	12/19/24 15:45	- SURFACE
890-7492-13	SS 129	Solid	12/19/24 11:07	12/19/24 15:45	- SURFACE
890-7492-14	SS 154	Solid	12/19/24 11:19	12/19/24 15:45	- SURFACE
890-7492-15	SS 504	Solid	12/19/24 11:40	12/19/24 15:45	- SURFACE
890-7492-16	SS 398	Solid	12/19/24 11:27	12/19/24 15:45	- SURFACE
890-7492-17	SS 183	Solid	12/19/24 11:44	12/19/24 15:45	- SURFACE
890-7492-18	SS 200	Solid	12/19/24 11:49	12/19/24 15:45	- SURFACE
890-7492-19	SS 435	Solid	12/19/24 11:53	12/19/24 15:45	- SURFACE
890-7492-20	SS 477	Solid	12/19/24 12:02	12/19/24 15:45	- SURFACE
890-7492-21	SS 176	Solid	12/19/24 12:07	12/19/24 15:45	- SURFACE
890-7492-22	SS 138	Solid	12/19/24 12:17	12/19/24 15:45	- SURFACE
890-7492-23	SS 420	Solid	12/19/24 12:22	12/19/24 15:45	- SURFACE

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3100

Environment Testing

Work Order No.:

Little Rock, AR (501) 224-5060

Page 1 of 3

Project Manager: Michael Wicker		Bill to: (if different) CDT Consulting	
Company Name: CDT		Company Name:	
Address:		Address:	
City, State ZIP:		City, State ZIP:	
Phone: 1016-970-8459		Email: mwicker@cdtconsult.com	
Project Name: Close Encounter 30114		Turn Around	
Project Number:		☐ Routine ☒ Rush	
Project Location: Buckeye, NM		Due Date: 12-20-2014	
Sampler's Name: Dakeatah Cueto		TAT starts the day received by the lab, if received by 4:30pm	
PO #:			
SAMPLE RECEIPT		Parameters	
Temp Blank: Yes No ☒ Wet Ice: Yes No ☒		Grav. # of	
Samples Received Intact: Yes No ☒ Thermometer ID: T-0.2		Depth Comp Cont	
Cooler Custody Seals: Yes No ☒ Correction Factor: -0.2			
Sample Custody Seals: Yes No ☒ Temperature Reading: 5.2			
Total Containers:		Corrected Temperature: 5.0	
Sample Identification		Time Sampled	
Matrix		Date Sampled	
S		12-19-14	
S		08:30	
S		08:36	
S		08:47	
S		08:53	
S		08:59	
S		09:04	
S		09:12	
S		10:15	
S		10:22	
S		10:30	
Total 200.7 / 6010 200.8 / 6020:		8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn	
Circle Method(s) and Metal(s) to be analyzed		TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471	
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$5.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.			
Relinquished by: (Signature) Dakeatah Cueto		Received by: (Signature) 12/19 1545	
Relinquished by: (Signature)		Received by: (Signature)	
Date/Time		Date/Time	

Chain of Custody



Environment Testing

Work Order No:

Page 2 of 3

Project Manager: Michael Wicker		Bill to: (if different) cdh consulting	
Company Name: cdh		Company Name:	
Address:		Address:	
City, State ZIP:		City, State ZIP:	
Phone: 616-970-8459		Email: mwicker@cdhconsult.com	
Project Name: Close Encounters 3014		Turn Around	
Project Number:		☐ Routine ☒ Rush	
Project Location: Buckeye, NM		Due Date: 12-20-2024	
Sampler's Name: Dakotah Cueto		TAT starts the day received by the lab, if received by 4:30pm	
PO #:			
SAMPLE RECEIPT		Temp Blank: Yes No Wet Ice: Yes No	
Samples Received Intact: Yes No		Thermometer ID:	
Cooler Custody Seals: Yes No N/A		Correction Factor:	
Sample Custody Seals: Yes No N/A		Temperature Reading:	
Total Containers:		Corrected Temperature:	
Sample Identification		Matrix	
Date Sampled		Time Sampled	
Depth		Grab/ # of Comp Cont	
5339		S 12/19/2024 10:37 Surf C 1	
53495		S 10:44 C 1	
53129		S 11:07 C 1	
53154		S 11:19 C 1	
53504		S 11:40 C 1	
53398		S 11:27 C 1	
53183		S 11:44 C 1	
53200		S 11:49 C 1	
53435		S 11:53 C 1	
53477		S 12:02 C 1	
Total 200.7 / 6010 200.8 / 6020:		8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti Sn U V Zn	
Circle Method(s) and Metal(s) to be analyzed		TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471	
Relinquished by: (Signature)		Received by: (Signature)	
Date/Time		Date/Time	
1. Dakotah Cueto		2	
3		4	
5		6	



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No: _____

Page 3 of 3

Project Manager: Michael Wicker		Bill to: (if different)		C24 Consulting	
Company Name: C24		Company Name:		Program: ☐ UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
Address:		Address:		State of Project:	
City, State ZIP:		City, State ZIP:		Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Phone: 616-970-8469		Email: mwicker@c24consult.com		Deliverables: EDD ☐ ADaPT ☐ Other:	
Project Name: Close Encounter 301H		Turn Around		ANALYSIS REQUEST	
Project Number:		☐ Routine ☒ Rush		Preservative Codes	
Project Location: Buckeye, NM		Due Date: 12-20-2024		None: NO DI Water: H ₂ O	
Sampler's Name: Doraedah Ceto		TAT starts the day received by the lab, if received by 4:30pm		Cool: Cool MeOH: Me	
PO #:				HCL: HC HNO ₃	
SAMPLE RECEIPT		Temp Blank: Yes No		H ₂ SO ₄ : H ₂ NaOH: Na	
Samples Received Intact: Yes No		Thermometer ID:		H ₃ PO ₄ : HP	
Cooler Custody Seals: Yes No N/A		Correction Factor:		NaHSO ₄ : NABIS	
Sample Custody Seals: Yes No N/A		Temperature Reading:		Na ₂ S ₂ O ₃ : NaSO ₃	
Total Containers:		Corrected Temperature:		Zn Acetate+NaOH: Zn	
Sample Identification		Date Sampled		NaOH+Ascorbic Acid: SAPC	
Matrix		Depth		Sample Comments	
SS176		10:07 surf			
SS138		10:17			
SS420		10:20			
Total 200.7 / 6010 200.8 / 6020:		8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn			
Circle Method(s) and Metal(s) to be analyzed		TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471			
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.					
Relinquished by: (Signature)		Received by: (Signature)		Date/Time	
1 Doraedah Ceto		2			
3		4			
5		6			

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Source: Eurofins Midland

List Number: 2

List Creation: 12/19/24 09:21 PM

Creator: Laing, Edmundo

Question	Answer	Comment
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time (excluding tests with immediate HTs)		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").		



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Michael Wicker
CDH Consulting
9446 Clermont St,
Thornton, Colorado 80229
Generated 12/20/2024 3:02:55 PM

JOB DESCRIPTION

CLOSE ENCOUNTER 301 H
BUCKEYE

JOB NUMBER

890-7492-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

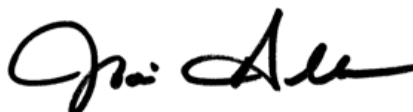
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Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Laboratory Job ID: 890-7492-1
SDG: BUCKEYE

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Definitions/Glossary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

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Job Narrative
890-7492-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 12/19/2024 3:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 64 (890-7492-3), SS 80 (890-7492-4), SS 262 (890-7492-5), SS 320 (890-7492-6), SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11), SS 495 (890-7492-12), SS 129 (890-7492-13), SS 154 (890-7492-14), SS 504 (890-7492-15), SS 398 (890-7492-16), SS 183 (890-7492-17), SS 200 (890-7492-18), SS 435 (890-7492-19), SS 477 (890-7492-20), SS 176 (890-7492-21), SS 138 (890-7492-22) and SS 420 (890-7492-23).

GC VOA

Method 8021B: The following samples were diluted due to physical characteristics such as color, odor, appearance, viscosity, etc. >>: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 80 (890-7492-4), SS 262 (890-7492-5) and SS 320 (890-7492-6). Elevated reporting limits (RL) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 01 (890-7492-1), SS 20 (890-7492-2) and SS 64 (890-7492-3). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 398 (890-7492-16) and SS 200 (890-7492-18). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SS 176 (890-7492-21). Evidence of matrix interferences is not obvious.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11) and SS 495 (890-7492-12). Elevated reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 46 (890-7492-8), SS 290 (890-7492-10) and SS 495 (890-7492-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: SS 504 (890-7492-15). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-98402/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98402 and analytical batch 880-98425 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within

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Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

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acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SS 262 (890-7492-5). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Due to the high concentration of Diesel Range Organics (Over C10-C28), the matrix spike (MS) for preparation batch 880-98403 and analytical batch 880-98427 could not be evaluated for accuracy. The associated matrix spike duplicate (MSD) met acceptance criteria.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SS 477 (890-7492-20), (LCS 880-98403/2-A) and (LCSD 880-98403/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The method blank for preparation batch 880-98404 and analytical batch 880-98430 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-98404/2-A) and (LCSD 880-98404/3-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-98404 and analytical batch 880-98430 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The laboratory control sample (LCS) for preparation batch 880-98403 and analytical batch 880-98427 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10. Since only an acceptable LCSD is required per the method, the LCSD shows recovery for the batch and the data has been qualified and reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98374 and analytical batch 880-98376 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01

Lab Sample ID: 890-7492-1

Date Collected: 12/19/24 08:20

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0101	U	0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Ethylbenzene	0.0947		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Toluene	0.0306		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Xylenes, Total	1.81		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
m-Xylene & p-Xylene	0.0449		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
o-Xylene	1.77		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:24	12/20/24 11:51	20
1,4-Difluorobenzene (Surr)	124		70 - 130				12/20/24 08:24	12/20/24 11:51	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.94		0.0202		mg/Kg			12/20/24 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	287		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	287		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				12/19/24 21:26	12/20/24 12:09	1
o-Terphenyl	86		70 - 130				12/19/24 21:26	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17600		199		mg/Kg			12/20/24 10:49	20

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Ethylbenzene	0.0420		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Toluene	0.0216		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Xylenes, Total	0.350		0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
m-Xylene & p-Xylene	<0.0401	U	0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
o-Xylene	0.350		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				12/20/24 08:24	12/20/24 14:15	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	136	S1+	70 - 130	12/20/24 08:24	12/20/24 14:15	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.414		0.0401		mg/Kg			12/20/24 14:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	110		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	110		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				12/19/24 21:26	12/20/24 12:23	1
o-Terphenyl	77		70 - 130				12/19/24 21:26	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300	F1	49.9		mg/Kg			12/20/24 10:58	5

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Ethylbenzene	0.242		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Toluene	0.0581		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Xylenes, Total	0.781		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
m-Xylene & p-Xylene	0.189		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
o-Xylene	0.592		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20
1,4-Difluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.08		0.0795		mg/Kg			12/20/24 12:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	631		50.0		mg/Kg			12/20/24 09:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Diesel Range Organics (Over C10-C28)	631	F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 09:40	1
o-Terphenyl	78		70 - 130				12/19/24 21:28	12/20/24 09:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3110		50.2		mg/Kg			12/20/24 11:54	5

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Ethylbenzene	0.0344		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Toluene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Xylenes, Total	0.680		0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
m-Xylene & p-Xylene	<0.0399	U	0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
o-Xylene	0.680		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				12/20/24 08:24	12/20/24 14:36	10
1,4-Difluorobenzene (Surr)	106		70 - 130				12/20/24 08:24	12/20/24 14:36	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.714		0.0399		mg/Kg			12/20/24 14:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	188		50.0		mg/Kg			12/20/24 10:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Diesel Range Organics (Over C10-C28)	188		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				12/19/24 21:28	12/20/24 10:24	1
o-Terphenyl	74		70 - 130				12/19/24 21:28	12/20/24 10:24	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3070		100		mg/Kg			12/20/24 11:30	10

Client Sample ID: SS 262

Lab Sample ID: 890-7492-5

Date Collected: 12/19/24 08:59

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Ethylbenzene	0.966		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Toluene	0.415		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Xylenes, Total	1.51		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
m-Xylene & p-Xylene	0.756		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
o-Xylene	0.754		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				12/20/24 08:24	12/20/24 13:14	50
1,4-Difluorobenzene (Surr)	122		70 - 130				12/20/24 08:24	12/20/24 13:14	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.89		0.202		mg/Kg			12/20/24 13:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	463		50.0		mg/Kg			12/20/24 10:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Diesel Range Organics (Over C10-C28)	463		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				12/19/24 21:28	12/20/24 10:38	1
o-Terphenyl	69	S1-	70 - 130				12/19/24 21:28	12/20/24 10:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4470		99.4		mg/Kg			12/20/24 11:48	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 320
Date Collected: 12/19/24 09:04
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-6
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0503	U	0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Ethylbenzene	0.537		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Toluene	0.125		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Xylenes, Total	1.20		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
m-Xylene & p-Xylene	0.454		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
o-Xylene	0.746		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				12/20/24 08:24	12/20/24 13:34	25
1,4-Difluorobenzene (Surr)	126		70 - 130				12/20/24 08:24	12/20/24 13:34	25

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.86		0.101		mg/Kg			12/20/24 13:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	876		49.7		mg/Kg			12/20/24 10:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Diesel Range Organics (Over C10-C28)	876		49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				12/19/24 21:28	12/20/24 10:53	1
o-Terphenyl	75		70 - 130				12/19/24 21:28	12/20/24 10:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3410		49.8		mg/Kg			12/20/24 11:59	5

Client Sample ID: SS 488
Date Collected: 12/19/24 09:12
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-7
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.199	U	0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Ethylbenzene	1.92		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Toluene	0.602		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Xylenes, Total	3.04		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
m-Xylene & p-Xylene	1.78		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
o-Xylene	1.26		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				12/20/24 08:27	12/20/24 12:24	100

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	100		70 - 130	12/20/24 08:27	12/20/24 12:24	100

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	5.56		0.398		mg/Kg			12/20/24 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2500		49.8		mg/Kg			12/20/24 11:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.7		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Diesel Range Organics (Over C10-C28)	2410		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:08	1
o-Terphenyl	95		70 - 130				12/19/24 21:28	12/20/24 11:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3680		49.6		mg/Kg			12/20/24 12:06	5

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.11		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Ethylbenzene	9.28		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Toluene	7.96		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Xylenes, Total	10.9		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
m-Xylene & p-Xylene	6.88		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
o-Xylene	4.05		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130				12/20/24 08:27	12/20/24 12:45	50
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:27	12/20/24 12:45	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	29.3		0.200		mg/Kg			12/20/24 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1330		49.9		mg/Kg			12/20/24 11:25	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	95.0		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Diesel Range Organics (Over C10-C28)	1230		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:25	1
o-Terphenyl	81		70 - 130				12/19/24 21:28	12/20/24 11:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5420		101		mg/Kg			12/20/24 12:11	10

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Ethylbenzene	1.52		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Toluene	0.807		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Xylenes, Total	4.70		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
m-Xylene & p-Xylene	3.88		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
o-Xylene	0.815		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				12/20/24 08:27	12/20/24 13:05	50
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:27	12/20/24 13:05	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	7.02		0.202		mg/Kg			12/20/24 13:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	60.0		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Diesel Range Organics (Over C10-C28)	1450		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:40	1
o-Terphenyl	86		70 - 130				12/19/24 21:28	12/20/24 11:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5250		99.4		mg/Kg			12/20/24 12:17	10

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.151		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Ethylbenzene	3.30		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Toluene	1.75		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Xylenes, Total	4.33		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
m-Xylene & p-Xylene	2.60		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
o-Xylene	1.73		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:27	12/20/24 13:25	50
1,4-Difluorobenzene (Surr)	100		70 - 130				12/20/24 08:27	12/20/24 13:25	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	9.53		0.201		mg/Kg			12/20/24 13:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2470		49.8		mg/Kg			12/20/24 11:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	129		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Diesel Range Organics (Over C10-C28)	2340		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				12/19/24 21:28	12/20/24 11:54	1
o-Terphenyl	105		70 - 130				12/19/24 21:28	12/20/24 11:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5400		99.8		mg/Kg			12/20/24 12:23	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.106		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Ethylbenzene	3.81		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Toluene	1.12		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Xylenes, Total	5.28		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
m-Xylene & p-Xylene	3.48		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
o-Xylene	1.80		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				12/20/24 08:27	12/20/24 13:46	50
1,4-Difluorobenzene (Surr)	99		70 - 130				12/20/24 08:27	12/20/24 13:46	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	10.3		0.200		mg/Kg			12/20/24 13:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3950		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	154		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	3800		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:28	12/20/24 12:09	1
o-Terphenyl	121		70 - 130				12/19/24 21:28	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4280		49.9		mg/Kg			12/20/24 12:29	5

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0994	U	0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Ethylbenzene	5.40		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Toluene	1.34		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Xylenes, Total	7.57		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
m-Xylene & p-Xylene	4.90		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
o-Xylene	2.67		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130				12/20/24 08:27	12/20/24 14:06	50

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	12/20/24 08:27	12/20/24 14:06	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	14.3		0.199		mg/Kg			12/20/24 14:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3070		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	177		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	2890		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:28	12/20/24 12:23	1
o-Terphenyl	108		70 - 130				12/19/24 21:28	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3660		49.6		mg/Kg			12/20/24 08:36	5

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Ethylbenzene	0.0238		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Toluene	0.00837		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Xylenes, Total	0.0306		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
m-Xylene & p-Xylene	0.0204		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
o-Xylene	0.0102		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	12/20/24 08:33	12/20/24 11:49	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/20/24 08:33	12/20/24 11:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0628		0.00404		mg/Kg			12/20/24 11:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	538		49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Diesel Range Organics (Over C10-C28)	538	F1	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 11:11	1
o-Terphenyl	79		70 - 130				12/19/24 21:30	12/20/24 11:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3350		50.0		mg/Kg			12/20/24 08:43	5

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Ethylbenzene	0.0475		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Toluene	0.0124		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Xylenes, Total	0.0632		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
m-Xylene & p-Xylene	0.0373		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
o-Xylene	0.0259		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				12/20/24 08:33	12/20/24 12:10	1
1,4-Difluorobenzene (Surr)	93		70 - 130				12/20/24 08:33	12/20/24 12:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.123		0.00401		mg/Kg			12/20/24 12:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2710		49.8		mg/Kg			12/20/24 12:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Diesel Range Organics (Over C10-C28)	2710		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 12:00	1
o-Terphenyl	120		70 - 130				12/19/24 21:30	12/20/24 12:00	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1710		50.3		mg/Kg			12/20/24 08:50	5

Client Sample ID: SS 504

Lab Sample ID: 890-7492-15

Date Collected: 12/19/24 11:40

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Ethylbenzene	0.563		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Toluene	0.173		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Xylenes, Total	0.464		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
m-Xylene & p-Xylene	0.290		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
o-Xylene	0.174		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				12/20/24 08:33	12/20/24 13:32	10
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:33	12/20/24 13:32	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.20		0.0398		mg/Kg			12/20/24 13:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 12:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Diesel Range Organics (Over C10-C28)	1510		50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				12/19/24 21:30	12/20/24 12:15	1
o-Terphenyl	97		70 - 130				12/19/24 21:30	12/20/24 12:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2990		50.0		mg/Kg			12/20/24 09:12	5

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 398

Lab Sample ID: 890-7492-16

Date Collected: 12/19/24 11:27

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0262		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Ethylbenzene	0.199		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Toluene	0.168		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Xylenes, Total	0.269		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
m-Xylene & p-Xylene	0.158		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
o-Xylene	0.111		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	12/20/24 08:33	12/20/24 12:30	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:33	12/20/24 12:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.662		0.00399		mg/Kg			12/20/24 12:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3130		49.9		mg/Kg			12/20/24 12:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.1	++	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Diesel Range Organics (Over C10-C28)	3040		49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	12/19/24 21:30	12/20/24 12:31	1
o-Terphenyl	120		70 - 130	12/19/24 21:30	12/20/24 12:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2960		50.1		mg/Kg			12/20/24 09:19	5

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Ethylbenzene	0.0487		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Toluene	0.00442		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Xylenes, Total	0.0402		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
m-Xylene & p-Xylene	0.0276		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
o-Xylene	0.0126		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	12/20/24 08:33	12/20/24 12:51	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	75		70 - 130	12/20/24 08:33	12/20/24 12:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0933		0.00404		mg/Kg			12/20/24 12:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	311		49.8		mg/Kg			12/20/24 12:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Diesel Range Organics (Over C10-C28)	311		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				12/19/24 21:30	12/20/24 12:47	1
o-Terphenyl	77		70 - 130				12/19/24 21:30	12/20/24 12:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.8		9.96		mg/Kg			12/20/24 09:26	1

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Ethylbenzene	0.191		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Toluene	0.110		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Xylenes, Total	0.265		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
m-Xylene & p-Xylene	0.156		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
o-Xylene	0.109		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130	12/20/24 08:33	12/20/24 13:11	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 13:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.566		0.00402		mg/Kg			12/20/24 13:11	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2050		49.9		mg/Kg			12/20/24 13:03	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Diesel Range Organics (Over C10-C28)	2050		49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				12/19/24 21:30	12/20/24 13:03	1
o-Terphenyl	106		70 - 130				12/19/24 21:30	12/20/24 13:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	930		10.0		mg/Kg			12/20/24 09:33	1

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Ethylbenzene	0.00665		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Toluene	0.00205		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Xylenes, Total	0.0105		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
m-Xylene & p-Xylene	0.00628		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
o-Xylene	0.00418		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				12/20/24 08:30	12/20/24 12:07	1
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 12:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0192		0.00404		mg/Kg			12/20/24 12:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	601		49.7		mg/Kg			12/20/24 13:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U **	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Diesel Range Organics (Over C10-C28)	601		49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				12/19/24 21:30	12/20/24 13:20	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 13:20	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3030		49.7		mg/Kg			12/20/24 09:40	5

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Xylenes, Total	0.133		0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
o-Xylene	0.133		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				12/20/24 08:30	12/20/24 12:27	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/20/24 08:30	12/20/24 12:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.133		0.00401		mg/Kg			12/20/24 12:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/20/24 13:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 13:36	1
o-Terphenyl	66	S1-	70 - 130				12/19/24 21:30	12/20/24 13:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		10.0		mg/Kg			12/20/24 09:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Ethylbenzene	0.950		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Toluene	0.199		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Xylenes, Total	1.58		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
m-Xylene & p-Xylene	0.943		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
o-Xylene	0.636		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	193	S1+	70 - 130				12/20/24 08:30	12/20/24 13:28	10
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 13:28	10

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.73		0.0398		mg/Kg			12/20/24 13:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2110		49.8		mg/Kg			12/20/24 13:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Diesel Range Organics (Over C10-C28)	2110		49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:30	12/20/24 13:52	1
o-Terphenyl	112		70 - 130				12/19/24 21:30	12/20/24 13:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	812		9.98		mg/Kg			12/20/24 10:09	1

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Ethylbenzene	0.0120		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Toluene	0.00377		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Xylenes, Total	0.0233		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
m-Xylene & p-Xylene	0.0102		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
o-Xylene	0.0131		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				12/20/24 08:30	12/20/24 12:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130	12/20/24 08:30	12/20/24 12:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0391		0.00399		mg/Kg			12/20/24 12:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	573		49.8		mg/Kg			12/20/24 14:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Diesel Range Organics (Over C10-C28)	573		49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 14:07	1
o-Terphenyl	78		70 - 130				12/19/24 21:30	12/20/24 14:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2650		50.1		mg/Kg			12/20/24 10:16	5

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Xylenes, Total	0.0889		0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
o-Xylene	0.0889		0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	12/20/24 08:30	12/20/24 13:08	1
1,4-Difluorobenzene (Surr)	91		70 - 130	12/20/24 08:30	12/20/24 13:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0889		0.00404		mg/Kg			12/20/24 13:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 420
Date Collected: 12/19/24 12:22
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-23
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	104		70 - 130				12/19/24 21:32	12/20/24 11:11	1	
o-Terphenyl	109		70 - 130				12/19/24 21:32	12/20/24 11:11	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	162		9.94		mg/Kg			12/20/24 10:38	1	

Surrogate Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-7492-1	SS 01	131 S1+	124
890-7492-2	SS 20	128	136 S1+
890-7492-3	SS 64	137 S1+	131 S1+
890-7492-4	SS 80	144 S1+	106
890-7492-5	SS 262	125	122
890-7492-6	SS 320	126	126
890-7492-7	SS 488	106	100
890-7492-8	SS 46	171 S1+	94
890-7492-9	SS 107	107	101
890-7492-10	SS 290	131 S1+	100
890-7492-11	SS 339	122	99
890-7492-12	SS 495	139 S1+	104
890-7492-13	SS 129	109	95
890-7492-14	SS 154	99	93
890-7492-15	SS 504	110	94
890-7492-16	SS 398	141 S1+	96
890-7492-17	SS 183	88	75
890-7492-18	SS 200	159 S1+	93
890-7492-19	SS 435	113	104
890-7492-20	SS 477	98	95
890-7492-21	SS 176	193 S1+	104
890-7492-22	SS 138	115	103
890-7492-23	SS 420	95	91
LCS 880-98432/1-A	Lab Control Sample	101	96
LCS 880-98433/1-A	Lab Control Sample	96	103
LCS 880-98434/1-A	Lab Control Sample	107	104
LCS 880-98435/1-A	Lab Control Sample	106	99
LCSD 880-98432/2-A	Lab Control Sample Dup	103	99
LCSD 880-98433/2-A	Lab Control Sample Dup	94	103
LCSD 880-98434/2-A	Lab Control Sample Dup	109	103
LCSD 880-98435/2-A	Lab Control Sample Dup	108	98
MB 880-98432/5-A	Method Blank	112	85
MB 880-98433/5-A	Method Blank	98	96
MB 880-98434/5-A	Method Blank	111	101
MB 880-98435/5-A	Method Blank	92	93
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-1	SS 01	83	86
890-7492-2	SS 20	76	77
890-7492-3	SS 64	75	78
890-7492-3 MS	SS 64	78	76

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Surrogate Summary

Client: CDH Consulting

Job ID: 890-7492-1

Project/Site: CLOSE ENCOUNTER 301 H

SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-3 MSD	SS 64	77	76
890-7492-4	SS 80	73	74
890-7492-5	SS 262	70	69 S1-
890-7492-6	SS 320	74	75
890-7492-7	SS 488	75	95
890-7492-8	SS 46	75	81
890-7492-9	SS 107	75	86
890-7492-10	SS 290	85	105
890-7492-11	SS 339	84	121
890-7492-12	SS 495	88	108
890-7492-13	SS 129	84	79
890-7492-13 MS	SS 129	80	81
890-7492-13 MSD	SS 129	79	81
890-7492-14	SS 154	84	120
890-7492-15	SS 504	92	97
890-7492-16	SS 398	85	120
890-7492-17	SS 183	87	77
890-7492-18	SS 200	82	106
890-7492-19	SS 435	77	74
890-7492-20	SS 477	81	66 S1-
890-7492-21	SS 176	88	112
890-7492-22	SS 138	81	78
890-7492-23	SS 420	104	109
890-7492-23 MS	SS 420	92	99
890-7492-23 MSD	SS 420	92	99
LCS 880-98401/2-A	Lab Control Sample	118	102
LCS 880-98402/2-A	Lab Control Sample	121	104
LCS 880-98403/2-A	Lab Control Sample	136 S1+	123
LCS 880-98404/2-A	Lab Control Sample	158 S1+	172 S1+
LCSD 880-98401/3-A	Lab Control Sample Dup	110	95
LCSD 880-98402/3-A	Lab Control Sample Dup	145 S1+	123
LCSD 880-98403/3-A	Lab Control Sample Dup	133 S1+	120
LCSD 880-98404/3-A	Lab Control Sample Dup	166 S1+	175 S1+
MB 880-98401/1-A	Method Blank	81	80
MB 880-98402/1-A	Method Blank	75	75
MB 880-98403/1-A	Method Blank	91	74
MB 880-98404/1-A	Method Blank	93	96
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-98432/5-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	12/20/24 08:24	12/20/24 11:08	1
1,4-Difluorobenzene (Surr)	85		70 - 130	12/20/24 08:24	12/20/24 11:08	1

Lab Sample ID: LCS 880-98432/1-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1137		mg/Kg		114	70 - 130
Ethylbenzene	0.100	0.1107		mg/Kg		111	70 - 130
Toluene	0.100	0.1082		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2221		mg/Kg		111	70 - 130
o-Xylene	0.100	0.1128		mg/Kg		113	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-98432/2-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1182		mg/Kg		118	70 - 130	4	35
Ethylbenzene	0.100	0.1145		mg/Kg		114	70 - 130	3	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2282		mg/Kg		114	70 - 130	3	35
o-Xylene	0.100	0.1165		mg/Kg		117	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	12/20/24 08:27	12/20/24 11:02	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:27	12/20/24 11:02	1

Lab Sample ID: LCS 880-98433/1-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1001		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09410		mg/Kg		94	70 - 130
Toluene	0.100	0.09371		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1885		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09536		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-98433/2-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1048		mg/Kg		105	70 - 130	5	35
Ethylbenzene	0.100	0.09886		mg/Kg		99	70 - 130	5	35
Toluene	0.100	0.09817		mg/Kg		98	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1969		mg/Kg		98	70 - 130	4	35
o-Xylene	0.100	0.09974		mg/Kg		100	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	111		70 - 130				12/20/24 08:30	12/20/24 11:25	1
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:30	12/20/24 11:25	1

Lab Sample ID: LCS 880-98434/1-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits		
		Result	Qualifier						
Benzene	0.100	0.1149		mg/Kg		115	70 - 130		
Ethylbenzene	0.100	0.1100		mg/Kg		110	70 - 130		
Toluene	0.100	0.1116		mg/Kg		112	70 - 130		
m-Xylene & p-Xylene	0.200	0.2234		mg/Kg		112	70 - 130		
o-Xylene	0.100	0.1142		mg/Kg		114	70 - 130		
Surrogate	LCS	LCS	Limits				%Recovery	Qualifier	
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	107		70 - 130						
1,4-Difluorobenzene (Surr)	104		70 - 130						

Lab Sample ID: LCSD 880-98434/2-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.1162		mg/Kg		116	70 - 130	1	35
Ethylbenzene	0.100	0.1102		mg/Kg		110	70 - 130	0	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2247		mg/Kg		112	70 - 130	1	35
o-Xylene	0.100	0.1148		mg/Kg		115	70 - 130	1	35
Surrogate	LCSD	LCSD	Limits				%Recovery	Qualifier	
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	109		70 - 130						
1,4-Difluorobenzene (Surr)	103		70 - 130						

Lab Sample ID: MB 880-98435/5-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98435

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac		
4-Bromofluorobenzene (Surr)	92		70 - 130	12/20/24 08:33	12/20/24 11:07	1			
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 11:07	1			

Lab Sample ID: LCS 880-98435/1-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1025		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.1037		mg/Kg		104	70 - 130
Toluene	0.100	0.1077		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2015		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1117		mg/Kg		112	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-98435/2-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1068		mg/Kg		107	70 - 130	4	35
Ethylbenzene	0.100	0.1065		mg/Kg		107	70 - 130	3	35
Toluene	0.100	0.1103		mg/Kg		110	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2041		mg/Kg		102	70 - 130	1	35
o-Xylene	0.100	0.1136		mg/Kg		114	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-98401/1-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98401

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil	Fac
1-Chlorooctane	81		70 - 130	12/19/24 21:26	12/20/24 00:11	1	
o-Terphenyl	80		70 - 130	12/19/24 21:26	12/20/24 00:11	1	

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98401/2-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98401

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1058		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	960.9		mg/Kg		96	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	118		70 - 130				
o-Terphenyl	102		70 - 130				

Lab Sample ID: LCSD 880-98401/3-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98401

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1005		mg/Kg		101	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	903.5		mg/Kg		90	70 - 130	6	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	110		70 - 130						
o-Terphenyl	95		70 - 130						

Lab Sample ID: MB 880-98402/1-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 98402

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1-Chlorooctane	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	
o-Terphenyl	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	

Lab Sample ID: LCS 880-98402/2-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1061		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1028		mg/Kg		103	70 - 130

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98402/2-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98402

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: LCSD 880-98402/3-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1288		mg/Kg		129	70 - 130	19	20
Diesel Range Organics (Over C10-C28)	1000	1231		mg/Kg		123	70 - 130	18	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	145	S1+	70 - 130
o-Terphenyl	123		70 - 130

Lab Sample ID: 890-7492-3 MS
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: SS 64
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	665.3	F1	mg/Kg		67	70 - 130		
Diesel Range Organics (Over C10-C28)	631	F1	998	1155	F1	mg/Kg		53	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	78		70 - 130
o-Terphenyl	76		70 - 130

Lab Sample ID: 890-7492-3 MSD
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: SS 64
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	660.4	F1	mg/Kg		66	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	631	F1	998	1141	F1	mg/Kg		51	70 - 130	1	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	77		70 - 130
o-Terphenyl	76		70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-98403/1-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98403

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				12/19/24 21:30	12/20/24 09:12	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 09:12	1

Lab Sample ID: LCS 880-98403/2-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1333	*+	mg/Kg		133	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1178		mg/Kg		118	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	136	S1+	70 - 130				
o-Terphenyl	123		70 - 130				

Lab Sample ID: LCSD 880-98403/3-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1180		mg/Kg		118	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	1000	1166		mg/Kg		117	70 - 130	1	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	133	S1+	70 - 130						
o-Terphenyl	120		70 - 130						

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	997	729.6		mg/Kg		73	70 - 130
Diesel Range Organics (Over C10-C28)	538	F1	997	1207	F1	mg/Kg		67	70 - 130

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	80		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: 890-7492-13 MSD

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	997	855.4		mg/Kg		86	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	538	F1	997	1282		mg/Kg		75	70 - 130	6	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	79		70 - 130								
o-Terphenyl	81		70 - 130								

Lab Sample ID: MB 880-98404/1-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98404

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				12/19/24 21:32	12/20/24 09:12	1
o-Terphenyl	96		70 - 130				12/19/24 21:32	12/20/24 09:12	1

Lab Sample ID: LCS 880-98404/2-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1398	*+	mg/Kg		140	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1468	*+	mg/Kg		147	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	158	S1+	70 - 130				
o-Terphenyl	172	S1+	70 - 130				

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-98404/3-A
Matrix: Solid
Analysis Batch: 98430

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98404

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1465	*+	mg/Kg		147	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	1590	*+	mg/Kg		159	70 - 130	8	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	166	S1+	70 - 130						
o-Terphenyl	175	S1+	70 - 130						

Lab Sample ID: 890-7492-23 MS
Matrix: Solid
Analysis Batch: 98430

Client Sample ID: SS 420
Prep Type: Total/NA
Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	781.1		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	867.3		mg/Kg		84	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Lab Sample ID: 890-7492-23 MSD
Matrix: Solid
Analysis Batch: 98430

Client Sample ID: SS 420
Prep Type: Total/NA
Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	804.1		mg/Kg		80	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	863.1		mg/Kg		84	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-98374/1-A
Matrix: Solid
Analysis Batch: 98376

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 08:34	1

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-98374/2-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.6		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-98374/3-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	245.0		mg/Kg		98	90 - 110	2	20

Lab Sample ID: 890-7492-2 MS

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1300	F1	1250	3073	F1	mg/Kg		142	90 - 110

Lab Sample ID: 890-7492-2 MSD

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1300	F1	1250	3070	F1	mg/Kg		142	90 - 110	0	20

Lab Sample ID: MB 880-98373/1-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 03:00	1

Lab Sample ID: LCS 880-98373/2-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	258.6		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-98373/3-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	257.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-7492-20 MS

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: SS 477

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	126		257	387.5		mg/Kg		102	90 - 110

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-7492-20 MSD							Client Sample ID: SS 477					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 98377												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	126		248	372.8		mg/Kg		100	90 - 110	4	20	

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA

Analysis Batch: 98350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-2	SS 20	Total/NA	Solid	8021B	98432
890-7492-3	SS 64	Total/NA	Solid	8021B	98432
890-7492-4	SS 80	Total/NA	Solid	8021B	98432
890-7492-5	SS 262	Total/NA	Solid	8021B	98432
890-7492-6	SS 320	Total/NA	Solid	8021B	98432
MB 880-98432/5-A	Method Blank	Total/NA	Solid	8021B	98432
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	8021B	98432
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98432

Analysis Batch: 98351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	8021B	98433
890-7492-8	SS 46	Total/NA	Solid	8021B	98433
890-7492-9	SS 107	Total/NA	Solid	8021B	98433
890-7492-10	SS 290	Total/NA	Solid	8021B	98433
890-7492-11	SS 339	Total/NA	Solid	8021B	98433
890-7492-12	SS 495	Total/NA	Solid	8021B	98433
MB 880-98433/5-A	Method Blank	Total/NA	Solid	8021B	98433
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	8021B	98433
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98433

Analysis Batch: 98352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	8021B	98434
890-7492-20	SS 477	Total/NA	Solid	8021B	98434
890-7492-21	SS 176	Total/NA	Solid	8021B	98434
890-7492-22	SS 138	Total/NA	Solid	8021B	98434
890-7492-23	SS 420	Total/NA	Solid	8021B	98434
MB 880-98434/5-A	Method Blank	Total/NA	Solid	8021B	98434
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	8021B	98434
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98434

Analysis Batch: 98353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8021B	98435
890-7492-14	SS 154	Total/NA	Solid	8021B	98435
890-7492-15	SS 504	Total/NA	Solid	8021B	98435
890-7492-16	SS 398	Total/NA	Solid	8021B	98435
890-7492-17	SS 183	Total/NA	Solid	8021B	98435
890-7492-18	SS 200	Total/NA	Solid	8021B	98435
MB 880-98435/5-A	Method Blank	Total/NA	Solid	8021B	98435
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	8021B	98435
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98435

Prep Batch: 98432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	5035	
890-7492-2	SS 20	Total/NA	Solid	5035	
890-7492-3	SS 64	Total/NA	Solid	5035	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Prep Batch: 98432 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-4	SS 80	Total/NA	Solid	5035	
890-7492-5	SS 262	Total/NA	Solid	5035	
890-7492-6	SS 320	Total/NA	Solid	5035	
MB 880-98432/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	5035	
890-7492-8	SS 46	Total/NA	Solid	5035	
890-7492-9	SS 107	Total/NA	Solid	5035	
890-7492-10	SS 290	Total/NA	Solid	5035	
890-7492-11	SS 339	Total/NA	Solid	5035	
890-7492-12	SS 495	Total/NA	Solid	5035	
MB 880-98433/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	5035	
890-7492-20	SS 477	Total/NA	Solid	5035	
890-7492-21	SS 176	Total/NA	Solid	5035	
890-7492-22	SS 138	Total/NA	Solid	5035	
890-7492-23	SS 420	Total/NA	Solid	5035	
MB 880-98434/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	5035	
890-7492-14	SS 154	Total/NA	Solid	5035	
890-7492-15	SS 504	Total/NA	Solid	5035	
890-7492-16	SS 398	Total/NA	Solid	5035	
890-7492-17	SS 183	Total/NA	Solid	5035	
890-7492-18	SS 200	Total/NA	Solid	5035	
MB 880-98435/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 98498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	Total BTEX	
890-7492-2	SS 20	Total/NA	Solid	Total BTEX	
890-7492-3	SS 64	Total/NA	Solid	Total BTEX	
890-7492-4	SS 80	Total/NA	Solid	Total BTEX	
890-7492-5	SS 262	Total/NA	Solid	Total BTEX	
890-7492-6	SS 320	Total/NA	Solid	Total BTEX	
890-7492-7	SS 488	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Analysis Batch: 98498 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-8	SS 46	Total/NA	Solid	Total BTEX	
890-7492-9	SS 107	Total/NA	Solid	Total BTEX	
890-7492-10	SS 290	Total/NA	Solid	Total BTEX	
890-7492-11	SS 339	Total/NA	Solid	Total BTEX	
890-7492-12	SS 495	Total/NA	Solid	Total BTEX	
890-7492-13	SS 129	Total/NA	Solid	Total BTEX	
890-7492-14	SS 154	Total/NA	Solid	Total BTEX	
890-7492-15	SS 504	Total/NA	Solid	Total BTEX	
890-7492-16	SS 398	Total/NA	Solid	Total BTEX	
890-7492-17	SS 183	Total/NA	Solid	Total BTEX	
890-7492-18	SS 200	Total/NA	Solid	Total BTEX	
890-7492-19	SS 435	Total/NA	Solid	Total BTEX	
890-7492-20	SS 477	Total/NA	Solid	Total BTEX	
890-7492-21	SS 176	Total/NA	Solid	Total BTEX	
890-7492-22	SS 138	Total/NA	Solid	Total BTEX	
890-7492-23	SS 420	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 98401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015NM Prep	
890-7492-2	SS 20	Total/NA	Solid	8015NM Prep	
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 98402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-4	SS 80	Total/NA	Solid	8015NM Prep	
890-7492-5	SS 262	Total/NA	Solid	8015NM Prep	
890-7492-6	SS 320	Total/NA	Solid	8015NM Prep	
890-7492-7	SS 488	Total/NA	Solid	8015NM Prep	
890-7492-8	SS 46	Total/NA	Solid	8015NM Prep	
890-7492-9	SS 107	Total/NA	Solid	8015NM Prep	
890-7492-10	SS 290	Total/NA	Solid	8015NM Prep	
890-7492-11	SS 339	Total/NA	Solid	8015NM Prep	
890-7492-12	SS 495	Total/NA	Solid	8015NM Prep	
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-3 MS	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-3 MSD	SS 64	Total/NA	Solid	8015NM Prep	

Prep Batch: 98403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-14	SS 154	Total/NA	Solid	8015NM Prep	
890-7492-15	SS 504	Total/NA	Solid	8015NM Prep	
890-7492-16	SS 398	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Prep Batch: 98403 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-17	SS 183	Total/NA	Solid	8015NM Prep	
890-7492-18	SS 200	Total/NA	Solid	8015NM Prep	
890-7492-19	SS 435	Total/NA	Solid	8015NM Prep	
890-7492-20	SS 477	Total/NA	Solid	8015NM Prep	
890-7492-21	SS 176	Total/NA	Solid	8015NM Prep	
890-7492-22	SS 138	Total/NA	Solid	8015NM Prep	
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-13 MS	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-13 MSD	SS 129	Total/NA	Solid	8015NM Prep	

Prep Batch: 98404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015NM Prep	
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-23 MS	SS 420	Total/NA	Solid	8015NM Prep	
890-7492-23 MSD	SS 420	Total/NA	Solid	8015NM Prep	

Analysis Batch: 98423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015B NM	98401
890-7492-2	SS 20	Total/NA	Solid	8015B NM	98401
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015B NM	98401
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98401
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98401

Analysis Batch: 98425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-4	SS 80	Total/NA	Solid	8015B NM	98402
890-7492-5	SS 262	Total/NA	Solid	8015B NM	98402
890-7492-6	SS 320	Total/NA	Solid	8015B NM	98402
890-7492-7	SS 488	Total/NA	Solid	8015B NM	98402
890-7492-8	SS 46	Total/NA	Solid	8015B NM	98402
890-7492-9	SS 107	Total/NA	Solid	8015B NM	98402
890-7492-10	SS 290	Total/NA	Solid	8015B NM	98402
890-7492-11	SS 339	Total/NA	Solid	8015B NM	98402
890-7492-12	SS 495	Total/NA	Solid	8015B NM	98402
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015B NM	98402
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98402
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98402
890-7492-3 MS	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-3 MSD	SS 64	Total/NA	Solid	8015B NM	98402

Analysis Batch: 98427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-14	SS 154	Total/NA	Solid	8015B NM	98403

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Analysis Batch: 98427 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-15	SS 504	Total/NA	Solid	8015B NM	98403
890-7492-16	SS 398	Total/NA	Solid	8015B NM	98403
890-7492-17	SS 183	Total/NA	Solid	8015B NM	98403
890-7492-18	SS 200	Total/NA	Solid	8015B NM	98403
890-7492-19	SS 435	Total/NA	Solid	8015B NM	98403
890-7492-20	SS 477	Total/NA	Solid	8015B NM	98403
890-7492-21	SS 176	Total/NA	Solid	8015B NM	98403
890-7492-22	SS 138	Total/NA	Solid	8015B NM	98403
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015B NM	98403
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98403
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98403
890-7492-13 MS	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-13 MSD	SS 129	Total/NA	Solid	8015B NM	98403

Analysis Batch: 98430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015B NM	98404
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015B NM	98404
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98404
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98404
890-7492-23 MS	SS 420	Total/NA	Solid	8015B NM	98404
890-7492-23 MSD	SS 420	Total/NA	Solid	8015B NM	98404

Analysis Batch: 98523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015 NM	
890-7492-2	SS 20	Total/NA	Solid	8015 NM	
890-7492-3	SS 64	Total/NA	Solid	8015 NM	
890-7492-4	SS 80	Total/NA	Solid	8015 NM	
890-7492-5	SS 262	Total/NA	Solid	8015 NM	
890-7492-6	SS 320	Total/NA	Solid	8015 NM	
890-7492-7	SS 488	Total/NA	Solid	8015 NM	
890-7492-8	SS 46	Total/NA	Solid	8015 NM	
890-7492-9	SS 107	Total/NA	Solid	8015 NM	
890-7492-10	SS 290	Total/NA	Solid	8015 NM	
890-7492-11	SS 339	Total/NA	Solid	8015 NM	
890-7492-12	SS 495	Total/NA	Solid	8015 NM	
890-7492-13	SS 129	Total/NA	Solid	8015 NM	
890-7492-14	SS 154	Total/NA	Solid	8015 NM	
890-7492-15	SS 504	Total/NA	Solid	8015 NM	
890-7492-16	SS 398	Total/NA	Solid	8015 NM	
890-7492-17	SS 183	Total/NA	Solid	8015 NM	
890-7492-18	SS 200	Total/NA	Solid	8015 NM	
890-7492-19	SS 435	Total/NA	Solid	8015 NM	
890-7492-20	SS 477	Total/NA	Solid	8015 NM	
890-7492-21	SS 176	Total/NA	Solid	8015 NM	
890-7492-22	SS 138	Total/NA	Solid	8015 NM	
890-7492-23	SS 420	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC

Leach Batch: 98373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	DI Leach	
890-7492-13	SS 129	Soluble	Solid	DI Leach	
890-7492-14	SS 154	Soluble	Solid	DI Leach	
890-7492-15	SS 504	Soluble	Solid	DI Leach	
890-7492-16	SS 398	Soluble	Solid	DI Leach	
890-7492-17	SS 183	Soluble	Solid	DI Leach	
890-7492-18	SS 200	Soluble	Solid	DI Leach	
890-7492-19	SS 435	Soluble	Solid	DI Leach	
890-7492-20	SS 477	Soluble	Solid	DI Leach	
890-7492-21	SS 176	Soluble	Solid	DI Leach	
890-7492-22	SS 138	Soluble	Solid	DI Leach	
890-7492-23	SS 420	Soluble	Solid	DI Leach	
MB 880-98373/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-20 MS	SS 477	Soluble	Solid	DI Leach	
890-7492-20 MSD	SS 477	Soluble	Solid	DI Leach	

Leach Batch: 98374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	DI Leach	
890-7492-2	SS 20	Soluble	Solid	DI Leach	
890-7492-3	SS 64	Soluble	Solid	DI Leach	
890-7492-4	SS 80	Soluble	Solid	DI Leach	
890-7492-5	SS 262	Soluble	Solid	DI Leach	
890-7492-6	SS 320	Soluble	Solid	DI Leach	
890-7492-7	SS 488	Soluble	Solid	DI Leach	
890-7492-8	SS 46	Soluble	Solid	DI Leach	
890-7492-9	SS 107	Soluble	Solid	DI Leach	
890-7492-10	SS 290	Soluble	Solid	DI Leach	
890-7492-11	SS 339	Soluble	Solid	DI Leach	
MB 880-98374/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-2 MS	SS 20	Soluble	Solid	DI Leach	
890-7492-2 MSD	SS 20	Soluble	Solid	DI Leach	

Analysis Batch: 98376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	300.0	98374
890-7492-2	SS 20	Soluble	Solid	300.0	98374
890-7492-3	SS 64	Soluble	Solid	300.0	98374
890-7492-4	SS 80	Soluble	Solid	300.0	98374
890-7492-5	SS 262	Soluble	Solid	300.0	98374
890-7492-6	SS 320	Soluble	Solid	300.0	98374
890-7492-7	SS 488	Soluble	Solid	300.0	98374
890-7492-8	SS 46	Soluble	Solid	300.0	98374
890-7492-9	SS 107	Soluble	Solid	300.0	98374
890-7492-10	SS 290	Soluble	Solid	300.0	98374
890-7492-11	SS 339	Soluble	Solid	300.0	98374
MB 880-98374/1-A	Method Blank	Soluble	Solid	300.0	98374

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC (Continued)

Analysis Batch: 98376 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	300.0	98374
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98374
890-7492-2 MS	SS 20	Soluble	Solid	300.0	98374
890-7492-2 MSD	SS 20	Soluble	Solid	300.0	98374

Analysis Batch: 98377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	300.0	98373
890-7492-13	SS 129	Soluble	Solid	300.0	98373
890-7492-14	SS 154	Soluble	Solid	300.0	98373
890-7492-15	SS 504	Soluble	Solid	300.0	98373
890-7492-16	SS 398	Soluble	Solid	300.0	98373
890-7492-17	SS 183	Soluble	Solid	300.0	98373
890-7492-18	SS 200	Soluble	Solid	300.0	98373
890-7492-19	SS 435	Soluble	Solid	300.0	98373
890-7492-20	SS 477	Soluble	Solid	300.0	98373
890-7492-21	SS 176	Soluble	Solid	300.0	98373
890-7492-22	SS 138	Soluble	Solid	300.0	98373
890-7492-23	SS 420	Soluble	Solid	300.0	98373
MB 880-98373/1-A	Method Blank	Soluble	Solid	300.0	98373
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	300.0	98373
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98373
890-7492-20 MS	SS 477	Soluble	Solid	300.0	98373
890-7492-20 MSD	SS 477	Soluble	Solid	300.0	98373

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01

Date Collected: 12/19/24 08:20

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 11:51
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		5	98350	MNR	EET MID	12/20/24 13:55
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:55
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		20	98376	CH	EET MID	12/20/24 10:49

Client Sample ID: SS 20

Date Collected: 12/19/24 08:36

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:15
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:15
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 10:58

Client Sample ID: SS 64

Date Collected: 12/19/24 08:47

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 12:33
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:33
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 09:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 09:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:54

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80
Date Collected: 12/19/24 08:53
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:36
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:36
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:24
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:24
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:30

Client Sample ID: SS 262
Date Collected: 12/19/24 08:59
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		50	98350	MNR	EET MID	12/20/24 13:14
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:14
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:38
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:38
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:48

Client Sample ID: SS 320
Date Collected: 12/19/24 09:04
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		25	98350	MNR	EET MID	12/20/24 13:34
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:34
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:53
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:53
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:59

Client Sample ID: SS 488
Date Collected: 12/19/24 09:12
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		100	98351	MNR	EET MID	12/20/24 12:24
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:24

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488
Date Collected: 12/19/24 09:12
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:08
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:08
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:06

Client Sample ID: SS 46
Date Collected: 12/19/24 10:15
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 12:45
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:45
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:25
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:25
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:11

Client Sample ID: SS 107
Date Collected: 12/19/24 10:22
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:05
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:05
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:17

Client Sample ID: SS 290
Date Collected: 12/19/24 10:30
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:25
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:25
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:54
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:54

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 290
Date Collected: 12/19/24 10:30
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:23

Client Sample ID: SS 339
Date Collected: 12/19/24 10:37
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:46
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:46
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:29

Client Sample ID: SS 495
Date Collected: 12/19/24 10:44
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 14:06
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:06
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:36

Client Sample ID: SS 129
Date Collected: 12/19/24 11:07
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 11:49
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 11:49
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:43

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Date Collected: 12/19/24 11:19

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:10
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:10
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:00
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:00
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:50

Client Sample ID: SS 504

Date Collected: 12/19/24 11:40

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		10	98353	MNR	EET MID	12/20/24 13:32
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:32
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:15
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:15
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:12

Client Sample ID: SS 398

Date Collected: 12/19/24 11:27

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:30
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:30
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:31
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:31
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:19

Client Sample ID: SS 183

Date Collected: 12/19/24 11:44

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:51
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:51

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183
Date Collected: 12/19/24 11:44
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:47
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:47
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:26

Client Sample ID: SS 200
Date Collected: 12/19/24 11:49
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 13:11
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:11
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:03
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:03
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:33

Client Sample ID: SS 435
Date Collected: 12/19/24 11:53
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:07
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:07
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:20
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:20
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:40

Client Sample ID: SS 477
Date Collected: 12/19/24 12:02
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:27
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:27
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:36
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:36

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 477**Lab Sample ID: 890-7492-20****Date Collected: 12/19/24 12:02****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:48

Client Sample ID: SS 176**Lab Sample ID: 890-7492-21****Date Collected: 12/19/24 12:07****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		10	98352	MNR	EET MID	12/20/24 13:28
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:28
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:52
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:52
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:09

Client Sample ID: SS 138**Lab Sample ID: 890-7492-22****Date Collected: 12/19/24 12:17****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:48
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:48
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 14:07
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 14:07
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 10:16

Client Sample ID: SS 420**Lab Sample ID: 890-7492-23****Date Collected: 12/19/24 12:22****Matrix: Solid****Date Received: 12/19/24 15:45**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 13:08
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:08
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98404	EL	EET MID	12/19/24 21:32
Total/NA	Analysis	8015B NM		1	98430	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:38

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
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- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7492-1	SS 01	Solid	12/19/24 08:20	12/19/24 15:45	- SURFACE
890-7492-2	SS 20	Solid	12/19/24 08:36	12/19/24 15:45	- SURFACE
890-7492-3	SS 64	Solid	12/19/24 08:47	12/19/24 15:45	- SURFACE
890-7492-4	SS 80	Solid	12/19/24 08:53	12/19/24 15:45	- SURFACE
890-7492-5	SS 262	Solid	12/19/24 08:59	12/19/24 15:45	- SURFACE
890-7492-6	SS 320	Solid	12/19/24 09:04	12/19/24 15:45	- SURFACE
890-7492-7	SS 488	Solid	12/19/24 09:12	12/19/24 15:45	- SURFACE
890-7492-8	SS 46	Solid	12/19/24 10:15	12/19/24 15:45	- SURFACE
890-7492-9	SS 107	Solid	12/19/24 10:22	12/19/24 15:45	- SURFACE
890-7492-10	SS 290	Solid	12/19/24 10:30	12/19/24 15:45	- SURFACE
890-7492-11	SS 339	Solid	12/19/24 10:37	12/19/24 15:45	- SURFACE
890-7492-12	SS 495	Solid	12/19/24 10:44	12/19/24 15:45	- SURFACE
890-7492-13	SS 129	Solid	12/19/24 11:07	12/19/24 15:45	- SURFACE
890-7492-14	SS 154	Solid	12/19/24 11:19	12/19/24 15:45	- SURFACE
890-7492-15	SS 504	Solid	12/19/24 11:40	12/19/24 15:45	- SURFACE
890-7492-16	SS 398	Solid	12/19/24 11:27	12/19/24 15:45	- SURFACE
890-7492-17	SS 183	Solid	12/19/24 11:44	12/19/24 15:45	- SURFACE
890-7492-18	SS 200	Solid	12/19/24 11:49	12/19/24 15:45	- SURFACE
890-7492-19	SS 435	Solid	12/19/24 11:53	12/19/24 15:45	- SURFACE
890-7492-20	SS 477	Solid	12/19/24 12:02	12/19/24 15:45	- SURFACE
890-7492-21	SS 176	Solid	12/19/24 12:07	12/19/24 15:45	- SURFACE
890-7492-22	SS 138	Solid	12/19/24 12:17	12/19/24 15:45	- SURFACE
890-7492-23	SS 420	Solid	12/19/24 12:22	12/19/24 15:45	- SURFACE



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 1 of 3

Project Manager: Michael Wicker
Company Name: Cotto
Address:
City, State ZIP:
Phone: 616-970-8459
Email: mwicker@cottoconsult.com

Bill to: (if different)
Company Name:
Address:
City, State ZIP:
Email:
Turn Around
☐ Routine ☒ Rush
Due Date: 12-20-2024
TAT starts the day received by the lab, if received by 4:30pm

Work Order Comments
Program: ☐ UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADAPT ☐ Other:

Project Name: Close Encounter 30114
Project Number:
Project Location: Buckeye, NM
Sampler's Name: Dakotah Cueto
PO #:
SAMPLE RECEIPT
Temp Blank: Yes ☒ No ☐ Wet Ice: Yes ☒ No ☐
Samples Received Intact: Yes ☒ No ☐ Thermometer ID: Tanner
Cooler Custody Seals: Yes ☒ No ☐ Correction Factor: -0.2
Sample Custody Seals: Yes ☒ No ☐ Temperature Reading: 5.8
Total Containers: 5.0 Corrected Temperature:

ANALYSIS REQUEST
Preservative Codes
None: NO
Cool: Cool
HCL: HC
H₂SO₄: H₂
H₃PO₄: HP
NaHSO₄: NABIS
Na₂S₂O₃: NaSO₃
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Sample Comments
SS01	S	12-19-24	08:20	Surf	C	1	
SS20	S		08:36		C	1	
SS64	S		08:47		C	1	
SS80	S		08:53		C	1	
SS262	S		08:59		C	1	
SS320	S		09:04		C	1	
SS488	S		09:12		C	1	
SS46	S		10:15		C	1	
SS107	S		10:22		C	1	
SS290	S		10:30		C	1	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>Dakotah Cueto</u>	<u>[Signature]</u>	12/19 1545			





Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Environment Testing

Work Order No:

Little Rock, AR (501) 224-5060

Page 2 of 3

Project Manager: Michael Wicker		Bill to: (if different) CDT Consulting	
Company Name: CDT		Company Name:	
Address:		Address:	
City, State ZIP:		City, State ZIP:	
Phone: 616-970-8459		Email: mwicker@cdtconsult.com	
Project Name: Close Encounters 3014		Turn Around	
Project Number:		☐ Routine ☒ Rush	
Project Location: Buckeye, NM		Due Date: 12-20-2024	
Sampler's Name: Dakotaiah Cueto		TAT starts the day received by the lab, if received by 4:30pm	
PO #:			
SAMPLE RECEIPT		Temp Blank: Yes No Wet Ice: Yes No	
Samples Received Intact: Yes No		Thermometer ID:	
Cooler Custody Seals: Yes No N/A		Correction Factor:	
Sample Custody Seals: Yes No N/A		Temperature Reading:	
Total Containers:		Corrected Temperature:	
Sample Identification		Date Sampled	
Matrix		Time Sampled	
Grab/ # of		Depth	
Comp		Cont	
55339		S 12/19/2024 10:57 Surf C 1	
55495		S 10:44 C 1	
55129		S 11:07 C 1	
55154		S 11:19 C 1	
55504		S 11:40 C 1	
55398		S 11:27 C 1	
55183		S 11:44 C 1	
55200		S 11:49 C 1	
55435		S 11:53 C 1	
55477		S 12:02 C 1	
Total 200.7 / 6010 200.8 / 6020:		8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti Sn U V Zn	
Circle Method(s) and Metal(s) to be analyzed		TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471	
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions for service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.			
Relinquished by: (Signature)		Received by: (Signature)	
1 Dakotaiah Cueto		2	
3		4	
		6	
Date/Time		Received by: (Signature)	



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 382-7550, Carlsbad, NM (575) 988-3499
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 3 of 3

[illegible]

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Source: Eurofins Midland

List Number: 2

List Creation: 12/19/24 09:21 PM

Creator: Laing, Edmundo

Question	Answer	Comment
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time (excluding tests with immediate HTs)		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").		



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Michael Wicker
CDH Consulting
9446 Clermont St,
Thornton, Colorado 80229

Generated 2/26/2025 4:25:07 PM

JOB DESCRIPTION

CLOSE ENCOUNTERS 301 H
BUCKEYE

JOB NUMBER

890-7722-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
2/26/2025 4:25:07 PM

Authorized for release by
Jodi Allen, Project Manager I
Jodi.Allen@et.eurofinsus.com
(281)520-2865

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Laboratory Job ID: 890-7722-1
SDG: BUCKEYE

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Definitions/Glossary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7722-1
SDG: BUCKEYE

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTERS 301 H

Job ID: 890-7722-1

Job ID: 890-7722-1

Eurofins Carlsbad

Job Narrative 890-7722-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 2/25/2025 3:40 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.8°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS 278 @ 3 (890-7722-1), SS 290 @ 3 (890-7722-2), SS 221 @ 2 (890-7722-3) and SS 199 @ 2 (890-7722-4).

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Carlsbad

Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7722-1
SDG: BUCKEYE

Client Sample ID: SS 278 @ 3

Lab Sample ID: 890-7722-1

Date Collected: 02/24/25 14:40

Matrix: Solid

Date Received: 02/25/25 15:40

Sample Depth: 3

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/26/25 08:45	02/26/25 12:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/26/25 08:45	02/26/25 12:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/26/25 08:45	02/26/25 12:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/26/25 08:45	02/26/25 12:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/26/25 08:45	02/26/25 12:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/26/25 08:45	02/26/25 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	02/26/25 08:45	02/26/25 12:09	1
1,4-Difluorobenzene (Surr)	101		70 - 130	02/26/25 08:45	02/26/25 12:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/26/25 12:09	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/26/25 09:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/26/25 07:44	02/26/25 09:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/26/25 07:44	02/26/25 09:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/26/25 07:44	02/26/25 09:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	02/26/25 07:44	02/26/25 09:36	1
o-Terphenyl	84		70 - 130	02/26/25 07:44	02/26/25 09:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			02/26/25 10:24	1

Client Sample ID: SS 290 @ 3

Lab Sample ID: 890-7722-2

Date Collected: 02/24/25 14:51

Matrix: Solid

Date Received: 02/25/25 15:40

Sample Depth: 3

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/26/25 08:45	02/26/25 12:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/26/25 08:45	02/26/25 12:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/26/25 08:45	02/26/25 12:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/26/25 08:45	02/26/25 12:29	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/26/25 08:45	02/26/25 12:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/26/25 08:45	02/26/25 12:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	02/26/25 08:45	02/26/25 12:29	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7722-1
SDG: BUCKEYE

Client Sample ID: SS 290 @ 3

Lab Sample ID: 890-7722-2

Date Collected: 02/24/25 14:51

Matrix: Solid

Date Received: 02/25/25 15:40

Sample Depth: 3

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	100		70 - 130	02/26/25 08:45	02/26/25 12:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/26/25 12:29	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/26/25 10:22	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/26/25 07:44	02/26/25 10:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/26/25 07:44	02/26/25 10:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/26/25 07:44	02/26/25 10:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				02/26/25 07:44	02/26/25 10:22	1
o-Terphenyl	85		70 - 130				02/26/25 07:44	02/26/25 10:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.2		10.1		mg/Kg			02/26/25 10:46	1

Client Sample ID: SS 221 @ 2

Lab Sample ID: 890-7722-3

Date Collected: 02/24/25 15:34

Matrix: Solid

Date Received: 02/25/25 15:40

Sample Depth: 2

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/26/25 08:45	02/26/25 12:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/26/25 08:45	02/26/25 12:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/26/25 08:45	02/26/25 12:50	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/26/25 08:45	02/26/25 12:50	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/26/25 08:45	02/26/25 12:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/26/25 08:45	02/26/25 12:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	02/26/25 08:45	02/26/25 12:50	1
1,4-Difluorobenzene (Surr)	98		70 - 130	02/26/25 08:45	02/26/25 12:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/26/25 12:50	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/26/25 10:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7722-1
SDG: BUCKEYE

Client Sample ID: SS 221 @ 2

Lab Sample ID: 890-7722-3

Date Collected: 02/24/25 15:34

Matrix: Solid

Date Received: 02/25/25 15:40

Sample Depth: 2

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/26/25 07:44	02/26/25 10:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/26/25 07:44	02/26/25 10:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/26/25 07:44	02/26/25 10:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				02/26/25 07:44	02/26/25 10:40	1
o-Terphenyl	86		70 - 130				02/26/25 07:44	02/26/25 10:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	379		9.98		mg/Kg			02/26/25 10:53	1

Client Sample ID: SS 199 @ 2

Lab Sample ID: 890-7722-4

Date Collected: 02/24/25 15:06

Matrix: Solid

Date Received: 02/25/25 15:40

Sample Depth: 2

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/26/25 08:45	02/26/25 13:10	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/26/25 08:45	02/26/25 13:10	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/26/25 08:45	02/26/25 13:10	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/26/25 08:45	02/26/25 13:10	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/26/25 08:45	02/26/25 13:10	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/26/25 08:45	02/26/25 13:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				02/26/25 08:45	02/26/25 13:10	1
1,4-Difluorobenzene (Surr)	99		70 - 130				02/26/25 08:45	02/26/25 13:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/26/25 13:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/26/25 10:55	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/26/25 07:44	02/26/25 10:55	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/26/25 07:44	02/26/25 10:55	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/26/25 07:44	02/26/25 10:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				02/26/25 07:44	02/26/25 10:55	1
o-Terphenyl	82		70 - 130				02/26/25 07:44	02/26/25 10:55	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7722-1
SDG: BUCKEYE

Client Sample ID: SS 199 @ 2
Date Collected: 02/24/25 15:06
Date Received: 02/25/25 15:40
Sample Depth: 2

Lab Sample ID: 890-7722-4
Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	556		10.0		mg/Kg			02/26/25 11:00	1

Surrogate Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7722-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
890-7722-1	SS 278 @ 3	101	101
890-7722-1 MS	SS 278 @ 3	99	105
890-7722-1 MSD	SS 278 @ 3	97	109
890-7722-2	SS 290 @ 3	100	100
890-7722-3	SS 221 @ 2	105	98
890-7722-4	SS 199 @ 2	100	99
LCS 880-103709/1-A	Lab Control Sample	98	107
LCSD 880-103709/2-A	Lab Control Sample Dup	99	108
MB 880-103709/5-A	Method Blank	100	93

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	1CO1	OTPH1
		(70-130)	(70-130)
890-7722-1	SS 278 @ 3	91	84
890-7722-1 MS	SS 278 @ 3	95	84
890-7722-1 MSD	SS 278 @ 3	95	83
890-7722-2	SS 290 @ 3	95	85
890-7722-3	SS 221 @ 2	97	86
890-7722-4	SS 199 @ 2	91	82
LCS 880-103690/2-A	Lab Control Sample	90	80
LCSD 880-103690/3-A	Lab Control Sample Dup	89	79
MB 880-103690/1-A	Method Blank	110	98

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7722-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-103709/5-A

Matrix: Solid

Analysis Batch: 103705

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 103709

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/26/25 08:45	02/26/25 11:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/26/25 08:45	02/26/25 11:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/26/25 08:45	02/26/25 11:47	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/26/25 08:45	02/26/25 11:47	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/26/25 08:45	02/26/25 11:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/26/25 08:45	02/26/25 11:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	02/26/25 08:45	02/26/25 11:47	1
1,4-Difluorobenzene (Surr)	93		70 - 130	02/26/25 08:45	02/26/25 11:47	1

Lab Sample ID: LCS 880-103709/1-A

Matrix: Solid

Analysis Batch: 103705

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 103709

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09737		mg/Kg		97	70 - 130
Ethylbenzene	0.100	0.09063		mg/Kg		91	70 - 130
Toluene	0.100	0.08522		mg/Kg		85	70 - 130
m-Xylene & p-Xylene	0.200	0.1910		mg/Kg		96	70 - 130
o-Xylene	0.100	0.09638		mg/Kg		96	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: LCSD 880-103709/2-A

Matrix: Solid

Analysis Batch: 103705

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 103709

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1054		mg/Kg		105	70 - 130	8	35
Ethylbenzene	0.100	0.09923		mg/Kg		99	70 - 130	9	35
Toluene	0.100	0.09241		mg/Kg		92	70 - 130	8	35
m-Xylene & p-Xylene	0.200	0.2088		mg/Kg		104	70 - 130	9	35
o-Xylene	0.100	0.1048		mg/Kg		105	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 890-7722-1 MS

Matrix: Solid

Analysis Batch: 103705

Client Sample ID: SS 278 @ 3

Prep Type: Total/NA

Prep Batch: 103709

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.100	0.1034		mg/Kg		103	70 - 130
Ethylbenzene	<0.00199	U	0.100	0.09799		mg/Kg		98	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7722-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-7722-1 MS

Matrix: Solid

Analysis Batch: 103705

Client Sample ID: SS 278 @ 3

Prep Type: Total/NA

Prep Batch: 103709

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	<0.00199	U	0.100	0.09120		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.200	0.2044		mg/Kg		102	70 - 130
o-Xylene	<0.00199	U	0.100	0.1019		mg/Kg		102	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 890-7722-1 MSD

Matrix: Solid

Analysis Batch: 103705

Client Sample ID: SS 278 @ 3

Prep Type: Total/NA

Prep Batch: 103709

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00199	U	0.100	0.1068		mg/Kg		107	70 - 130	3	35
Ethylbenzene	<0.00199	U	0.100	0.09953		mg/Kg		100	70 - 130	2	35
Toluene	<0.00199	U	0.100	0.09304		mg/Kg		93	70 - 130	2	35
m-Xylene & p-Xylene	<0.00398	U	0.200	0.2085		mg/Kg		104	70 - 130	2	35
o-Xylene	<0.00199	U	0.100	0.1041		mg/Kg		104	70 - 130	2	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-103690/1-A

Matrix: Solid

Analysis Batch: 103718

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 103690

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/26/25 07:41	02/26/25 06:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/26/25 07:41	02/26/25 06:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/26/25 07:41	02/26/25 06:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	02/26/25 07:41	02/26/25 06:39	1
o-Terphenyl	98		70 - 130	02/26/25 07:41	02/26/25 06:39	1

Lab Sample ID: LCS 880-103690/2-A

Matrix: Solid

Analysis Batch: 103718

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 103690

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1165		mg/Kg		116	70 - 130
Diesel Range Organics (Over C10-C28)	1000	993.5		mg/Kg		99	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7722-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-103690/2-A

Matrix: Solid

Analysis Batch: 103718

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 103690

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	90		70 - 130
o-Terphenyl	80		70 - 130

Lab Sample ID: LCSD 880-103690/3-A

Matrix: Solid

Analysis Batch: 103718

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 103690

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1114		mg/Kg		111	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	979.4		mg/Kg		98	70 - 130	1	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	89		70 - 130
o-Terphenyl	79		70 - 130

Lab Sample ID: 890-7722-1 MS

Matrix: Solid

Analysis Batch: 103718

Client Sample ID: SS 278 @ 3

Prep Type: Total/NA

Prep Batch: 103690

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	873.1		mg/Kg		88	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	997	796.0		mg/Kg		80	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	95		70 - 130
o-Terphenyl	84		70 - 130

Lab Sample ID: 890-7722-1 MSD

Matrix: Solid

Analysis Batch: 103718

Client Sample ID: SS 278 @ 3

Prep Type: Total/NA

Prep Batch: 103690

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	880.6		mg/Kg		88	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	997	772.8		mg/Kg		78	70 - 130	3	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	95		70 - 130
o-Terphenyl	83		70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7722-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-103695/1-A

Matrix: Solid

Analysis Batch: 103697

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/26/25 10:01	1

Lab Sample ID: LCS 880-103695/2-A

Matrix: Solid

Analysis Batch: 103697

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	247.5		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-103695/3-A

Matrix: Solid

Analysis Batch: 103697

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	251.1		mg/Kg		100	90 - 110	1	20

Lab Sample ID: 890-7722-1 MS

Matrix: Solid

Analysis Batch: 103697

Client Sample ID: SS 278 @ 3

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<10.1	U	252	264.8		mg/Kg		103	90 - 110

Lab Sample ID: 890-7722-1 MSD

Matrix: Solid

Analysis Batch: 103697

Client Sample ID: SS 278 @ 3

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<10.1	U	252	265.8		mg/Kg		104	90 - 110	0	20

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7722-1
SDG: BUCKEYE

GC VOA

Analysis Batch: 103705

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7722-1	SS 278 @ 3	Total/NA	Solid	8021B	103709
890-7722-2	SS 290 @ 3	Total/NA	Solid	8021B	103709
890-7722-3	SS 221 @ 2	Total/NA	Solid	8021B	103709
890-7722-4	SS 199 @ 2	Total/NA	Solid	8021B	103709
MB 880-103709/5-A	Method Blank	Total/NA	Solid	8021B	103709
LCS 880-103709/1-A	Lab Control Sample	Total/NA	Solid	8021B	103709
LCSD 880-103709/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	103709
890-7722-1 MS	SS 278 @ 3	Total/NA	Solid	8021B	103709
890-7722-1 MSD	SS 278 @ 3	Total/NA	Solid	8021B	103709

Prep Batch: 103709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7722-1	SS 278 @ 3	Total/NA	Solid	5035	
890-7722-2	SS 290 @ 3	Total/NA	Solid	5035	
890-7722-3	SS 221 @ 2	Total/NA	Solid	5035	
890-7722-4	SS 199 @ 2	Total/NA	Solid	5035	
MB 880-103709/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-103709/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-103709/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7722-1 MS	SS 278 @ 3	Total/NA	Solid	5035	
890-7722-1 MSD	SS 278 @ 3	Total/NA	Solid	5035	

Analysis Batch: 103769

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7722-1	SS 278 @ 3	Total/NA	Solid	Total BTEX	
890-7722-2	SS 290 @ 3	Total/NA	Solid	Total BTEX	
890-7722-3	SS 221 @ 2	Total/NA	Solid	Total BTEX	
890-7722-4	SS 199 @ 2	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 103690

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7722-1	SS 278 @ 3	Total/NA	Solid	8015NM Prep	
890-7722-2	SS 290 @ 3	Total/NA	Solid	8015NM Prep	
890-7722-3	SS 221 @ 2	Total/NA	Solid	8015NM Prep	
890-7722-4	SS 199 @ 2	Total/NA	Solid	8015NM Prep	
MB 880-103690/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-103690/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-103690/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7722-1 MS	SS 278 @ 3	Total/NA	Solid	8015NM Prep	
890-7722-1 MSD	SS 278 @ 3	Total/NA	Solid	8015NM Prep	

Analysis Batch: 103718

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7722-1	SS 278 @ 3	Total/NA	Solid	8015B NM	103690
890-7722-2	SS 290 @ 3	Total/NA	Solid	8015B NM	103690
890-7722-3	SS 221 @ 2	Total/NA	Solid	8015B NM	103690
890-7722-4	SS 199 @ 2	Total/NA	Solid	8015B NM	103690
MB 880-103690/1-A	Method Blank	Total/NA	Solid	8015B NM	103690
LCS 880-103690/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	103690

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7722-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Analysis Batch: 103718 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-103690/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	103690
890-7722-1 MS	SS 278 @ 3	Total/NA	Solid	8015B NM	103690
890-7722-1 MSD	SS 278 @ 3	Total/NA	Solid	8015B NM	103690

Analysis Batch: 103765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7722-1	SS 278 @ 3	Total/NA	Solid	8015 NM	
890-7722-2	SS 290 @ 3	Total/NA	Solid	8015 NM	
890-7722-3	SS 221 @ 2	Total/NA	Solid	8015 NM	
890-7722-4	SS 199 @ 2	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 103695

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7722-1	SS 278 @ 3	Soluble	Solid	DI Leach	
890-7722-2	SS 290 @ 3	Soluble	Solid	DI Leach	
890-7722-3	SS 221 @ 2	Soluble	Solid	DI Leach	
890-7722-4	SS 199 @ 2	Soluble	Solid	DI Leach	
MB 880-103695/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-103695/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-103695/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7722-1 MS	SS 278 @ 3	Soluble	Solid	DI Leach	
890-7722-1 MSD	SS 278 @ 3	Soluble	Solid	DI Leach	

Analysis Batch: 103697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7722-1	SS 278 @ 3	Soluble	Solid	300.0	103695
890-7722-2	SS 290 @ 3	Soluble	Solid	300.0	103695
890-7722-3	SS 221 @ 2	Soluble	Solid	300.0	103695
890-7722-4	SS 199 @ 2	Soluble	Solid	300.0	103695
MB 880-103695/1-A	Method Blank	Soluble	Solid	300.0	103695
LCS 880-103695/2-A	Lab Control Sample	Soluble	Solid	300.0	103695
LCSD 880-103695/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	103695
890-7722-1 MS	SS 278 @ 3	Soluble	Solid	300.0	103695
890-7722-1 MSD	SS 278 @ 3	Soluble	Solid	300.0	103695

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7722-1
SDG: BUCKEYE

Client Sample ID: SS 278 @ 3

Lab Sample ID: 890-7722-1

Date Collected: 02/24/25 14:40

Matrix: Solid

Date Received: 02/25/25 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			103709	MNR	EET MID	02/26/25 08:45
Total/NA	Analysis	8021B		1	103705	MNR	EET MID	02/26/25 12:09
Total/NA	Analysis	Total BTEX		1	103769	AJ	EET MID	02/26/25 12:09
Total/NA	Analysis	8015 NM		1	103765	AJ	EET MID	02/26/25 09:36
Total/NA	Prep	8015NM Prep			103690	EL	EET MID	02/26/25 07:44
Total/NA	Analysis	8015B NM		1	103718	TKC	EET MID	02/26/25 09:36
Soluble	Leach	DI Leach			103695	SA	EET MID	02/26/25 07:55
Soluble	Analysis	300.0		1	103697	CH	EET MID	02/26/25 10:24

Client Sample ID: SS 290 @ 3

Lab Sample ID: 890-7722-2

Date Collected: 02/24/25 14:51

Matrix: Solid

Date Received: 02/25/25 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			103709	MNR	EET MID	02/26/25 08:45
Total/NA	Analysis	8021B		1	103705	MNR	EET MID	02/26/25 12:29
Total/NA	Analysis	Total BTEX		1	103769	AJ	EET MID	02/26/25 12:29
Total/NA	Analysis	8015 NM		1	103765	AJ	EET MID	02/26/25 10:22
Total/NA	Prep	8015NM Prep			103690	EL	EET MID	02/26/25 07:44
Total/NA	Analysis	8015B NM		1	103718	TKC	EET MID	02/26/25 10:22
Soluble	Leach	DI Leach			103695	SA	EET MID	02/26/25 07:55
Soluble	Analysis	300.0		1	103697	CH	EET MID	02/26/25 10:46

Client Sample ID: SS 221 @ 2

Lab Sample ID: 890-7722-3

Date Collected: 02/24/25 15:34

Matrix: Solid

Date Received: 02/25/25 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			103709	MNR	EET MID	02/26/25 08:45
Total/NA	Analysis	8021B		1	103705	MNR	EET MID	02/26/25 12:50
Total/NA	Analysis	Total BTEX		1	103769	AJ	EET MID	02/26/25 12:50
Total/NA	Analysis	8015 NM		1	103765	AJ	EET MID	02/26/25 10:40
Total/NA	Prep	8015NM Prep			103690	EL	EET MID	02/26/25 07:44
Total/NA	Analysis	8015B NM		1	103718	TKC	EET MID	02/26/25 10:40
Soluble	Leach	DI Leach			103695	SA	EET MID	02/26/25 07:55
Soluble	Analysis	300.0		1	103697	CH	EET MID	02/26/25 10:53

Client Sample ID: SS 199 @ 2

Lab Sample ID: 890-7722-4

Date Collected: 02/24/25 15:06

Matrix: Solid

Date Received: 02/25/25 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			103709	MNR	EET MID	02/26/25 08:45
Total/NA	Analysis	8021B		1	103705	MNR	EET MID	02/26/25 13:10
Total/NA	Analysis	Total BTEX		1	103769	AJ	EET MID	02/26/25 13:10

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7722-1
SDG: BUCKEYE

Client Sample ID: SS 199 @ 2

Date Collected: 02/24/25 15:06

Date Received: 02/25/25 15:40

Lab Sample ID: 890-7722-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	103765	AJ	EET MID	02/26/25 10:55
Total/NA	Prep	8015NM Prep			103690	EL	EET MID	02/26/25 07:44
Total/NA	Analysis	8015B NM		1	103718	TKC	EET MID	02/26/25 10:55
Soluble	Leach	DI Leach			103695	SA	EET MID	02/26/25 07:55
Soluble	Analysis	300.0		1	103697	CH	EET MID	02/26/25 11:00

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7722-1
SDG: BUCKEYE

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7722-1
SDG: BUCKEYE

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTERS 301 H

Job ID: 890-7722-1
SDG: BUCKEYE

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7722-1	SS 278 @ 3	Solid	02/24/25 14:40	02/25/25 15:40	3
890-7722-2	SS 290 @ 3	Solid	02/24/25 14:51	02/25/25 15:40	3
890-7722-3	SS 221 @ 2	Solid	02/24/25 15:34	02/25/25 15:40	2
890-7722-4	SS 199 @ 2	Solid	02/24/25 15:06	02/25/25 15:40	2

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Environment Testings

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 784-1295
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Chain of Custody

Work Order No.:

Page 1 of 1

Project Manager:	Michael Milder	Bill to: (if different)	CDH Consulting
Company Name:	Cario Old & New	Company Name:	
Address:		Address:	
City, State ZIP:		City, State ZIP:	
Phone:	604-970-8459	Email:	mmilder@cdhconsult.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

[illegible][illegible]

Total	200.7 ± 60.10	200.8 ± 60.20:
8RCRA 13PPM Texas-11	Al Sb As Ba Be B Cd Ca Cr Co Cu Pb Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn	Hg: 1631 / 245.1 / 7470 / 7471
TCLP / SPLP 6010: 8RCRA Sls As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U		

Notas: Signatura de este documento y el cumplimiento de samples constituye a valid purchase order from client company to Eurofins Xenico, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenico will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client's sub-contractors. If such losses or expenses are due to circumstances beyond the control of Eurofins Xenico, a minimum charge of \$850.00 will be applied to each project and a charge of \$3 for each sample submitted to Eurofins Xenico, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>John Doe</i>	<i>John Doe</i>	1/5/2025			

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7722-1

SDG Number: BUCKEYE

Login Number: 7722

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Michael Wicker
CDH Consulting
9446 Clermont St,
Thornton, Colorado 80229
Generated 12/20/2024 3:02:55 PM

JOB DESCRIPTION

CLOSE ENCOUNTER 301 H
BUCKEYE

JOB NUMBER

890-7492-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

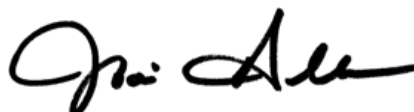
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
12/20/2024 3:02:55 PM

Authorized for release by
Jodi Allen, Project Manager I
Jodi.Allen@et.eurofinsus.com
(281)520-2865

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Laboratory Job ID: 890-7492-1
SDG: BUCKEYE

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Definitions/Glossary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1

Eurofins Carlsbad

Job Narrative
890-7492-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 12/19/2024 3:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 64 (890-7492-3), SS 80 (890-7492-4), SS 262 (890-7492-5), SS 320 (890-7492-6), SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11), SS 495 (890-7492-12), SS 129 (890-7492-13), SS 154 (890-7492-14), SS 504 (890-7492-15), SS 398 (890-7492-16), SS 183 (890-7492-17), SS 200 (890-7492-18), SS 435 (890-7492-19), SS 477 (890-7492-20), SS 176 (890-7492-21), SS 138 (890-7492-22) and SS 420 (890-7492-23).

GC VOA

Method 8021B: The following samples were diluted due to physical characteristics such as color, odor, appearance, viscosity, etc. >>: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 80 (890-7492-4), SS 262 (890-7492-5) and SS 320 (890-7492-6). Elevated reporting limits (RL) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 01 (890-7492-1), SS 20 (890-7492-2) and SS 64 (890-7492-3). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 398 (890-7492-16) and SS 200 (890-7492-18). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SS 176 (890-7492-21). Evidence of matrix interferences is not obvious.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11) and SS 495 (890-7492-12). Elevated reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 46 (890-7492-8), SS 290 (890-7492-10) and SS 495 (890-7492-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: SS 504 (890-7492-15). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-98402/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98402 and analytical batch 880-98425 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within

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Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1 (Continued)

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acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SS 262 (890-7492-5). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Due to the high concentration of Diesel Range Organics (Over C10-C28), the matrix spike (MS) for preparation batch 880-98403 and analytical batch 880-98427 could not be evaluated for accuracy. The associated matrix spike duplicate (MSD) met acceptance criteria.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SS 477 (890-7492-20), (LCS 880-98403/2-A) and (LCSD 880-98403/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The method blank for preparation batch 880-98404 and analytical batch 880-98430 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-98404/2-A) and (LCSD 880-98404/3-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-98404 and analytical batch 880-98430 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The laboratory control sample (LCS) for preparation batch 880-98403 and analytical batch 880-98427 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10. Since only an acceptable LCSD is required per the method, the LCSD shows recovery for the batch and the data has been qualified and reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98374 and analytical batch 880-98376 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01
Date Collected: 12/19/24 08:20
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-1
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0101	U	0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Ethylbenzene	0.0947		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Toluene	0.0306		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Xylenes, Total	1.81		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
m-Xylene & p-Xylene	0.0449		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
o-Xylene	1.77		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:24	12/20/24 11:51	20
1,4-Difluorobenzene (Surr)	124		70 - 130				12/20/24 08:24	12/20/24 11:51	20

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.94		0.0202		mg/Kg			12/20/24 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	287		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	287		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				12/19/24 21:26	12/20/24 12:09	1
o-Terphenyl	86		70 - 130				12/19/24 21:26	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17600		199		mg/Kg			12/20/24 10:49	20

Client Sample ID: SS 20
Date Collected: 12/19/24 08:36
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-2
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Ethylbenzene	0.0420		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Toluene	0.0216		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Xylenes, Total	0.350		0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
m-Xylene & p-Xylene	<0.0401	U	0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
o-Xylene	0.350		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				12/20/24 08:24	12/20/24 14:15	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	136	S1+	70 - 130	12/20/24 08:24	12/20/24 14:15	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.414		0.0401		mg/Kg			12/20/24 14:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	110		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	110		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				12/19/24 21:26	12/20/24 12:23	1
o-Terphenyl	77		70 - 130				12/19/24 21:26	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300	F1	49.9		mg/Kg			12/20/24 10:58	5

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Ethylbenzene	0.242		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Toluene	0.0581		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Xylenes, Total	0.781		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
m-Xylene & p-Xylene	0.189		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
o-Xylene	0.592		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20
1,4-Difluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.08		0.0795		mg/Kg			12/20/24 12:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	631		50.0		mg/Kg			12/20/24 09:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Diesel Range Organics (Over C10-C28)	631	F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 09:40	1
o-Terphenyl	78		70 - 130				12/19/24 21:28	12/20/24 09:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3110		50.2		mg/Kg			12/20/24 11:54	5

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Ethylbenzene	0.0344		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Toluene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Xylenes, Total	0.680		0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
m-Xylene & p-Xylene	<0.0399	U	0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
o-Xylene	0.680		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				12/20/24 08:24	12/20/24 14:36	10
1,4-Difluorobenzene (Surr)	106		70 - 130				12/20/24 08:24	12/20/24 14:36	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.714		0.0399		mg/Kg			12/20/24 14:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	188		50.0		mg/Kg			12/20/24 10:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Diesel Range Organics (Over C10-C28)	188		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				12/19/24 21:28	12/20/24 10:24	1
o-Terphenyl	74		70 - 130				12/19/24 21:28	12/20/24 10:24	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3070		100		mg/Kg			12/20/24 11:30	10

Client Sample ID: SS 262

Lab Sample ID: 890-7492-5

Date Collected: 12/19/24 08:59

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Ethylbenzene	0.966		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Toluene	0.415		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Xylenes, Total	1.51		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
m-Xylene & p-Xylene	0.756		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
o-Xylene	0.754		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				12/20/24 08:24	12/20/24 13:14	50
1,4-Difluorobenzene (Surr)	122		70 - 130				12/20/24 08:24	12/20/24 13:14	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.89		0.202		mg/Kg			12/20/24 13:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	463		50.0		mg/Kg			12/20/24 10:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Diesel Range Organics (Over C10-C28)	463		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				12/19/24 21:28	12/20/24 10:38	1
o-Terphenyl	69	S1-	70 - 130				12/19/24 21:28	12/20/24 10:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4470		99.4		mg/Kg			12/20/24 11:48	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 320

Lab Sample ID: 890-7492-6

Date Collected: 12/19/24 09:04

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0503	U	0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Ethylbenzene	0.537		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Toluene	0.125		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Xylenes, Total	1.20		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
m-Xylene & p-Xylene	0.454		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
o-Xylene	0.746		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				12/20/24 08:24	12/20/24 13:34	25
1,4-Difluorobenzene (Surr)	126		70 - 130				12/20/24 08:24	12/20/24 13:34	25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.86		0.101		mg/Kg			12/20/24 13:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	876		49.7		mg/Kg			12/20/24 10:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Diesel Range Organics (Over C10-C28)	876		49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				12/19/24 21:28	12/20/24 10:53	1
o-Terphenyl	75		70 - 130				12/19/24 21:28	12/20/24 10:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3410		49.8		mg/Kg			12/20/24 11:59	5

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.199	U	0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Ethylbenzene	1.92		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Toluene	0.602		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Xylenes, Total	3.04		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
m-Xylene & p-Xylene	1.78		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
o-Xylene	1.26		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				12/20/24 08:27	12/20/24 12:24	100

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	100		70 - 130	12/20/24 08:27	12/20/24 12:24	100

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	5.56		0.398		mg/Kg			12/20/24 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2500		49.8		mg/Kg			12/20/24 11:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.7		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Diesel Range Organics (Over C10-C28)	2410		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:08	1
o-Terphenyl	95		70 - 130				12/19/24 21:28	12/20/24 11:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3680		49.6		mg/Kg			12/20/24 12:06	5

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.11		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Ethylbenzene	9.28		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Toluene	7.96		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Xylenes, Total	10.9		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
m-Xylene & p-Xylene	6.88		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
o-Xylene	4.05		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130				12/20/24 08:27	12/20/24 12:45	50
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:27	12/20/24 12:45	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	29.3		0.200		mg/Kg			12/20/24 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1330		49.9		mg/Kg			12/20/24 11:25	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	95.0		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Diesel Range Organics (Over C10-C28)	1230		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:25	1
o-Terphenyl	81		70 - 130				12/19/24 21:28	12/20/24 11:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5420		101		mg/Kg			12/20/24 12:11	10

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Ethylbenzene	1.52		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Toluene	0.807		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Xylenes, Total	4.70		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
m-Xylene & p-Xylene	3.88		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
o-Xylene	0.815		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				12/20/24 08:27	12/20/24 13:05	50
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:27	12/20/24 13:05	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	7.02		0.202		mg/Kg			12/20/24 13:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	60.0		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Diesel Range Organics (Over C10-C28)	1450		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:40	1
o-Terphenyl	86		70 - 130				12/19/24 21:28	12/20/24 11:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5250		99.4		mg/Kg			12/20/24 12:17	10

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.151		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Ethylbenzene	3.30		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Toluene	1.75		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Xylenes, Total	4.33		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
m-Xylene & p-Xylene	2.60		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
o-Xylene	1.73		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:27	12/20/24 13:25	50
1,4-Difluorobenzene (Surr)	100		70 - 130				12/20/24 08:27	12/20/24 13:25	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	9.53		0.201		mg/Kg			12/20/24 13:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2470		49.8		mg/Kg			12/20/24 11:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	129		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Diesel Range Organics (Over C10-C28)	2340		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				12/19/24 21:28	12/20/24 11:54	1
o-Terphenyl	105		70 - 130				12/19/24 21:28	12/20/24 11:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5400		99.8		mg/Kg			12/20/24 12:23	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.106		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Ethylbenzene	3.81		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Toluene	1.12		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Xylenes, Total	5.28		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
m-Xylene & p-Xylene	3.48		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
o-Xylene	1.80		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	12/20/24 08:27	12/20/24 13:46	50
1,4-Difluorobenzene (Surr)	99		70 - 130	12/20/24 08:27	12/20/24 13:46	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	10.3		0.200		mg/Kg			12/20/24 13:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3950		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	154		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	3800		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	12/19/24 21:28	12/20/24 12:09	1
o-Terphenyl	121		70 - 130	12/19/24 21:28	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4280		49.9		mg/Kg			12/20/24 12:29	5

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0994	U	0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Ethylbenzene	5.40		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Toluene	1.34		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Xylenes, Total	7.57		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
m-Xylene & p-Xylene	4.90		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
o-Xylene	2.67		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130	12/20/24 08:27	12/20/24 14:06	50

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	12/20/24 08:27	12/20/24 14:06	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	14.3		0.199		mg/Kg			12/20/24 14:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3070		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	177		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	2890		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:28	12/20/24 12:23	1
o-Terphenyl	108		70 - 130				12/19/24 21:28	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3660		49.6		mg/Kg			12/20/24 08:36	5

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Ethylbenzene	0.0238		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Toluene	0.00837		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Xylenes, Total	0.0306		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
m-Xylene & p-Xylene	0.0204		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
o-Xylene	0.0102		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	12/20/24 08:33	12/20/24 11:49	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/20/24 08:33	12/20/24 11:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0628		0.00404		mg/Kg			12/20/24 11:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	538		49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Diesel Range Organics (Over C10-C28)	538	F1	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 11:11	1
o-Terphenyl	79		70 - 130				12/19/24 21:30	12/20/24 11:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3350		50.0		mg/Kg			12/20/24 08:43	5

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Ethylbenzene	0.0475		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Toluene	0.0124		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Xylenes, Total	0.0632		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
m-Xylene & p-Xylene	0.0373		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
o-Xylene	0.0259		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				12/20/24 08:33	12/20/24 12:10	1
1,4-Difluorobenzene (Surr)	93		70 - 130				12/20/24 08:33	12/20/24 12:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.123		0.00401		mg/Kg			12/20/24 12:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2710		49.8		mg/Kg			12/20/24 12:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Diesel Range Organics (Over C10-C28)	2710		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 12:00	1
o-Terphenyl	120		70 - 130				12/19/24 21:30	12/20/24 12:00	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1710		50.3		mg/Kg			12/20/24 08:50	5

Client Sample ID: SS 504

Lab Sample ID: 890-7492-15

Date Collected: 12/19/24 11:40

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Ethylbenzene	0.563		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Toluene	0.173		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Xylenes, Total	0.464		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
m-Xylene & p-Xylene	0.290		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
o-Xylene	0.174		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				12/20/24 08:33	12/20/24 13:32	10
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:33	12/20/24 13:32	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.20		0.0398		mg/Kg			12/20/24 13:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 12:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Diesel Range Organics (Over C10-C28)	1510		50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				12/19/24 21:30	12/20/24 12:15	1
o-Terphenyl	97		70 - 130				12/19/24 21:30	12/20/24 12:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2990		50.0		mg/Kg			12/20/24 09:12	5

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 398

Lab Sample ID: 890-7492-16

Date Collected: 12/19/24 11:27

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0262		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Ethylbenzene	0.199		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Toluene	0.168		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Xylenes, Total	0.269		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
m-Xylene & p-Xylene	0.158		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
o-Xylene	0.111		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	12/20/24 08:33	12/20/24 12:30	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:33	12/20/24 12:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.662		0.00399		mg/Kg			12/20/24 12:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3130		49.9		mg/Kg			12/20/24 12:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.1	*+	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Diesel Range Organics (Over C10-C28)	3040		49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	12/19/24 21:30	12/20/24 12:31	1
o-Terphenyl	120		70 - 130	12/19/24 21:30	12/20/24 12:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2960		50.1		mg/Kg			12/20/24 09:19	5

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Ethylbenzene	0.0487		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Toluene	0.00442		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Xylenes, Total	0.0402		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
m-Xylene & p-Xylene	0.0276		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
o-Xylene	0.0126		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	12/20/24 08:33	12/20/24 12:51	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	75		70 - 130	12/20/24 08:33	12/20/24 12:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0933		0.00404		mg/Kg			12/20/24 12:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	311		49.8		mg/Kg			12/20/24 12:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Diesel Range Organics (Over C10-C28)	311		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				12/19/24 21:30	12/20/24 12:47	1
o-Terphenyl	77		70 - 130				12/19/24 21:30	12/20/24 12:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.8		9.96		mg/Kg			12/20/24 09:26	1

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Ethylbenzene	0.191		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Toluene	0.110		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Xylenes, Total	0.265		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
m-Xylene & p-Xylene	0.156		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
o-Xylene	0.109		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130	12/20/24 08:33	12/20/24 13:11	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 13:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.566		0.00402		mg/Kg			12/20/24 13:11	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2050		49.9		mg/Kg			12/20/24 13:03	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Diesel Range Organics (Over C10-C28)	2050		49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				12/19/24 21:30	12/20/24 13:03	1
o-Terphenyl	106		70 - 130				12/19/24 21:30	12/20/24 13:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	930		10.0		mg/Kg			12/20/24 09:33	1

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Ethylbenzene	0.00665		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Toluene	0.00205		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Xylenes, Total	0.0105		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
m-Xylene & p-Xylene	0.00628		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
o-Xylene	0.00418		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				12/20/24 08:30	12/20/24 12:07	1
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 12:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0192		0.00404		mg/Kg			12/20/24 12:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	601		49.7		mg/Kg			12/20/24 13:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U **	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Diesel Range Organics (Over C10-C28)	601		49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				12/19/24 21:30	12/20/24 13:20	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 13:20	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3030		49.7		mg/Kg			12/20/24 09:40	5

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Xylenes, Total	0.133		0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
o-Xylene	0.133		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				12/20/24 08:30	12/20/24 12:27	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/20/24 08:30	12/20/24 12:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.133		0.00401		mg/Kg			12/20/24 12:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/20/24 13:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 13:36	1
o-Terphenyl	66	S1-	70 - 130				12/19/24 21:30	12/20/24 13:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		10.0		mg/Kg			12/20/24 09:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 176
Date Collected: 12/19/24 12:07
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-21
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg	-	12/20/24 08:30	12/20/24 13:28	10
Ethylbenzene	0.950		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Toluene	0.199		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Xylenes, Total	1.58		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
m-Xylene & p-Xylene	0.943		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
o-Xylene	0.636		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	193	S1+	70 - 130				12/20/24 08:30	12/20/24 13:28	10
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 13:28	10

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.73		0.0398		mg/Kg	-		12/20/24 13:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2110		49.8		mg/Kg	-		12/20/24 13:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg	-	12/19/24 21:30	12/20/24 13:52	1
Diesel Range Organics (Over C10-C28)	2110		49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:30	12/20/24 13:52	1
o-Terphenyl	112		70 - 130				12/19/24 21:30	12/20/24 13:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	812		9.98		mg/Kg	-		12/20/24 10:09	1

Client Sample ID: SS 138
Date Collected: 12/19/24 12:17
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-22
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg	-	12/20/24 08:30	12/20/24 12:48	1
Ethylbenzene	0.0120		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Toluene	0.00377		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Xylenes, Total	0.0233		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
m-Xylene & p-Xylene	0.0102		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
o-Xylene	0.0131		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				12/20/24 08:30	12/20/24 12:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130	12/20/24 08:30	12/20/24 12:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0391		0.00399		mg/Kg			12/20/24 12:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	573		49.8		mg/Kg			12/20/24 14:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Diesel Range Organics (Over C10-C28)	573		49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 14:07	1
o-Terphenyl	78		70 - 130				12/19/24 21:30	12/20/24 14:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2650		50.1		mg/Kg			12/20/24 10:16	5

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Xylenes, Total	0.0889		0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
o-Xylene	0.0889		0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	12/20/24 08:30	12/20/24 13:08	1
1,4-Difluorobenzene (Surr)	91		70 - 130	12/20/24 08:30	12/20/24 13:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0889		0.00404		mg/Kg			12/20/24 13:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 420
Date Collected: 12/19/24 12:22
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-23
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	104		70 - 130				12/19/24 21:32	12/20/24 11:11	1	
o-Terphenyl	109		70 - 130				12/19/24 21:32	12/20/24 11:11	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	162		9.94		mg/Kg			12/20/24 10:38	1	

Surrogate Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-7492-1	SS 01	131 S1+	124
890-7492-2	SS 20	128	136 S1+
890-7492-3	SS 64	137 S1+	131 S1+
890-7492-4	SS 80	144 S1+	106
890-7492-5	SS 262	125	122
890-7492-6	SS 320	126	126
890-7492-7	SS 488	106	100
890-7492-8	SS 46	171 S1+	94
890-7492-9	SS 107	107	101
890-7492-10	SS 290	131 S1+	100
890-7492-11	SS 339	122	99
890-7492-12	SS 495	139 S1+	104
890-7492-13	SS 129	109	95
890-7492-14	SS 154	99	93
890-7492-15	SS 504	110	94
890-7492-16	SS 398	141 S1+	96
890-7492-17	SS 183	88	75
890-7492-18	SS 200	159 S1+	93
890-7492-19	SS 435	113	104
890-7492-20	SS 477	98	95
890-7492-21	SS 176	193 S1+	104
890-7492-22	SS 138	115	103
890-7492-23	SS 420	95	91
LCS 880-98432/1-A	Lab Control Sample	101	96
LCS 880-98433/1-A	Lab Control Sample	96	103
LCS 880-98434/1-A	Lab Control Sample	107	104
LCS 880-98435/1-A	Lab Control Sample	106	99
LCSD 880-98432/2-A	Lab Control Sample Dup	103	99
LCSD 880-98433/2-A	Lab Control Sample Dup	94	103
LCSD 880-98434/2-A	Lab Control Sample Dup	109	103
LCSD 880-98435/2-A	Lab Control Sample Dup	108	98
MB 880-98432/5-A	Method Blank	112	85
MB 880-98433/5-A	Method Blank	98	96
MB 880-98434/5-A	Method Blank	111	101
MB 880-98435/5-A	Method Blank	92	93
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-1	SS 01	83	86
890-7492-2	SS 20	76	77
890-7492-3	SS 64	75	78
890-7492-3 MS	SS 64	78	76

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Surrogate Summary

Client: CDH Consulting

Job ID: 890-7492-1

Project/Site: CLOSE ENCOUNTER 301 H

SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-3 MSD	SS 64	77	76
890-7492-4	SS 80	73	74
890-7492-5	SS 262	70	69 S1-
890-7492-6	SS 320	74	75
890-7492-7	SS 488	75	95
890-7492-8	SS 46	75	81
890-7492-9	SS 107	75	86
890-7492-10	SS 290	85	105
890-7492-11	SS 339	84	121
890-7492-12	SS 495	88	108
890-7492-13	SS 129	84	79
890-7492-13 MS	SS 129	80	81
890-7492-13 MSD	SS 129	79	81
890-7492-14	SS 154	84	120
890-7492-15	SS 504	92	97
890-7492-16	SS 398	85	120
890-7492-17	SS 183	87	77
890-7492-18	SS 200	82	106
890-7492-19	SS 435	77	74
890-7492-20	SS 477	81	66 S1-
890-7492-21	SS 176	88	112
890-7492-22	SS 138	81	78
890-7492-23	SS 420	104	109
890-7492-23 MS	SS 420	92	99
890-7492-23 MSD	SS 420	92	99
LCS 880-98401/2-A	Lab Control Sample	118	102
LCS 880-98402/2-A	Lab Control Sample	121	104
LCS 880-98403/2-A	Lab Control Sample	136 S1+	123
LCS 880-98404/2-A	Lab Control Sample	158 S1+	172 S1+
LCSD 880-98401/3-A	Lab Control Sample Dup	110	95
LCSD 880-98402/3-A	Lab Control Sample Dup	145 S1+	123
LCSD 880-98403/3-A	Lab Control Sample Dup	133 S1+	120
LCSD 880-98404/3-A	Lab Control Sample Dup	166 S1+	175 S1+
MB 880-98401/1-A	Method Blank	81	80
MB 880-98402/1-A	Method Blank	75	75
MB 880-98403/1-A	Method Blank	91	74
MB 880-98404/1-A	Method Blank	93	96
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-98432/5-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	12/20/24 08:24	12/20/24 11:08	1
1,4-Difluorobenzene (Surr)	85		70 - 130	12/20/24 08:24	12/20/24 11:08	1

Lab Sample ID: LCS 880-98432/1-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1137		mg/Kg		114	70 - 130
Ethylbenzene	0.100	0.1107		mg/Kg		111	70 - 130
Toluene	0.100	0.1082		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2221		mg/Kg		111	70 - 130
o-Xylene	0.100	0.1128		mg/Kg		113	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-98432/2-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1182		mg/Kg		118	70 - 130	4	35
Ethylbenzene	0.100	0.1145		mg/Kg		114	70 - 130	3	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2282		mg/Kg		114	70 - 130	3	35
o-Xylene	0.100	0.1165		mg/Kg		117	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	12/20/24 08:27	12/20/24 11:02	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:27	12/20/24 11:02	1

Lab Sample ID: LCS 880-98433/1-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1001		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09410		mg/Kg		94	70 - 130
Toluene	0.100	0.09371		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1885		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09536		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-98433/2-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1048		mg/Kg		105	70 - 130	5	35
Ethylbenzene	0.100	0.09886		mg/Kg		99	70 - 130	5	35
Toluene	0.100	0.09817		mg/Kg		98	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1969		mg/Kg		98	70 - 130	4	35
o-Xylene	0.100	0.09974		mg/Kg		100	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	111		70 - 130				12/20/24 08:30	12/20/24 11:25	1
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:30	12/20/24 11:25	1

Lab Sample ID: LCS 880-98434/1-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits		
		Result	Qualifier						
Benzene	0.100	0.1149		mg/Kg		115	70 - 130		
Ethylbenzene	0.100	0.1100		mg/Kg		110	70 - 130		
Toluene	0.100	0.1116		mg/Kg		112	70 - 130		
m-Xylene & p-Xylene	0.200	0.2234		mg/Kg		112	70 - 130		
o-Xylene	0.100	0.1142		mg/Kg		114	70 - 130		
Surrogate	LCS	LCS	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	107		70 - 130						
1,4-Difluorobenzene (Surr)	104		70 - 130						

Lab Sample ID: LCSD 880-98434/2-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.1162		mg/Kg		116	70 - 130	1	35
Ethylbenzene	0.100	0.1102		mg/Kg		110	70 - 130	0	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2247		mg/Kg		112	70 - 130	1	35
o-Xylene	0.100	0.1148		mg/Kg		115	70 - 130	1	35
Surrogate	LCSD	LCSD	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	109		70 - 130						
1,4-Difluorobenzene (Surr)	103		70 - 130						

Lab Sample ID: MB 880-98435/5-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98435

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	12/20/24 08:33	12/20/24 11:07	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 11:07	1

Lab Sample ID: LCS 880-98435/1-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1025		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.1037		mg/Kg		104	70 - 130
Toluene	0.100	0.1077		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2015		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1117		mg/Kg		112	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-98435/2-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1068		mg/Kg		107	70 - 130	4	35
Ethylbenzene	0.100	0.1065		mg/Kg		107	70 - 130	3	35
Toluene	0.100	0.1103		mg/Kg		110	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2041		mg/Kg		102	70 - 130	1	35
o-Xylene	0.100	0.1136		mg/Kg		114	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-98401/1-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98401

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130	12/19/24 21:26	12/20/24 00:11	1
o-Terphenyl	80		70 - 130	12/19/24 21:26	12/20/24 00:11	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98401/2-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98401

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1058		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	960.9		mg/Kg		96	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	118		70 - 130				
o-Terphenyl	102		70 - 130				

Lab Sample ID: LCSD 880-98401/3-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98401

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1005		mg/Kg		101	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	903.5		mg/Kg		90	70 - 130	6	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	110		70 - 130						
o-Terphenyl	95		70 - 130						

Lab Sample ID: MB 880-98402/1-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98402

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 00:11	1
o-Terphenyl	75		70 - 130				12/19/24 21:28	12/20/24 00:11	1

Lab Sample ID: LCS 880-98402/2-A

Matrix: Solid

Analysis Batch: 98425

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98402

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1061		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1028		mg/Kg		103	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98402/2-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98402

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: LCSD 880-98402/3-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1288		mg/Kg		129	70 - 130	19	20
Diesel Range Organics (Over C10-C28)	1000	1231		mg/Kg		123	70 - 130	18	20
Surrogate	%Recovery	LCSD	LCSD						
1-Chlorooctane	145	S1+							
o-Terphenyl	123								

Lab Sample ID: 890-7492-3 MS
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: SS 64
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	665.3	F1	mg/Kg		67	70 - 130		
Diesel Range Organics (Over C10-C28)	631	F1	998	1155	F1	mg/Kg		53	70 - 130		
Surrogate	%Recovery	MS	MS								
1-Chlorooctane	78										
o-Terphenyl	76										

Lab Sample ID: 890-7492-3 MSD
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: SS 64
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	660.4	F1	mg/Kg		66	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	631	F1	998	1141	F1	mg/Kg		51	70 - 130	1	20
Surrogate	%Recovery	MSD	MSD								
1-Chlorooctane	77										
o-Terphenyl	76										

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-98403/1-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98403

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				12/19/24 21:30	12/20/24 09:12	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 09:12	1

Lab Sample ID: LCS 880-98403/2-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1333	*+	mg/Kg		133	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1178		mg/Kg		118	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	136	S1+	70 - 130				
o-Terphenyl	123		70 - 130				

Lab Sample ID: LCSD 880-98403/3-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1180		mg/Kg		118	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	1000	1166		mg/Kg		117	70 - 130	1	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	133	S1+	70 - 130						
o-Terphenyl	120		70 - 130						

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	997	729.6		mg/Kg		73	70 - 130
Diesel Range Organics (Over C10-C28)	538	F1	997	1207	F1	mg/Kg		67	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	80		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: 890-7492-13 MSD

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	997	855.4		mg/Kg		86	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	538	F1	997	1282		mg/Kg		75	70 - 130	6	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	79		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: MB 880-98404/1-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98404

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	93		70 - 130	12/19/24 21:32	12/20/24 09:12	1			
o-Terphenyl	96		70 - 130	12/19/24 21:32	12/20/24 09:12	1			

Lab Sample ID: LCS 880-98404/2-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1398	*+	mg/Kg		140	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1468	*+	mg/Kg		147	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	158	S1+	70 - 130
o-Terphenyl	172	S1+	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-98404/3-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1465	*+	mg/Kg		147	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	1590	*+	mg/Kg		159	70 - 130	8	20
		LCSD	LCSD						
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane	166	S1+	70 - 130						
o-Terphenyl	175	S1+	70 - 130						

Lab Sample ID: 890-7492-23 MS

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: SS 420

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	781.1		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	867.3		mg/Kg		84	70 - 130		
		MS	MS								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Lab Sample ID: 890-7492-23 MSD

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: SS 420

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	804.1		mg/Kg		80	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	863.1		mg/Kg		84	70 - 130	0	20
		MSD	MSD								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-98374/1-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 08:34	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-98374/2-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.6		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-98374/3-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	245.0		mg/Kg		98	90 - 110	2	20

Lab Sample ID: 890-7492-2 MS

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1300	F1	1250	3073	F1	mg/Kg		142	90 - 110

Lab Sample ID: 890-7492-2 MSD

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1300	F1	1250	3070	F1	mg/Kg		142	90 - 110	0	20

Lab Sample ID: MB 880-98373/1-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 03:00	1

Lab Sample ID: LCS 880-98373/2-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	258.6		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-98373/3-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	257.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-7492-20 MS

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: SS 477

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	126		257	387.5		mg/Kg		102	90 - 110

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-7492-20 MSD							Client Sample ID: SS 477					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 98377												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	126		248	372.8		mg/Kg		100	90 - 110	4	20	

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA

Analysis Batch: 98350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-2	SS 20	Total/NA	Solid	8021B	98432
890-7492-3	SS 64	Total/NA	Solid	8021B	98432
890-7492-4	SS 80	Total/NA	Solid	8021B	98432
890-7492-5	SS 262	Total/NA	Solid	8021B	98432
890-7492-6	SS 320	Total/NA	Solid	8021B	98432
MB 880-98432/5-A	Method Blank	Total/NA	Solid	8021B	98432
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	8021B	98432
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98432

Analysis Batch: 98351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	8021B	98433
890-7492-8	SS 46	Total/NA	Solid	8021B	98433
890-7492-9	SS 107	Total/NA	Solid	8021B	98433
890-7492-10	SS 290	Total/NA	Solid	8021B	98433
890-7492-11	SS 339	Total/NA	Solid	8021B	98433
890-7492-12	SS 495	Total/NA	Solid	8021B	98433
MB 880-98433/5-A	Method Blank	Total/NA	Solid	8021B	98433
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	8021B	98433
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98433

Analysis Batch: 98352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	8021B	98434
890-7492-20	SS 477	Total/NA	Solid	8021B	98434
890-7492-21	SS 176	Total/NA	Solid	8021B	98434
890-7492-22	SS 138	Total/NA	Solid	8021B	98434
890-7492-23	SS 420	Total/NA	Solid	8021B	98434
MB 880-98434/5-A	Method Blank	Total/NA	Solid	8021B	98434
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	8021B	98434
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98434

Analysis Batch: 98353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8021B	98435
890-7492-14	SS 154	Total/NA	Solid	8021B	98435
890-7492-15	SS 504	Total/NA	Solid	8021B	98435
890-7492-16	SS 398	Total/NA	Solid	8021B	98435
890-7492-17	SS 183	Total/NA	Solid	8021B	98435
890-7492-18	SS 200	Total/NA	Solid	8021B	98435
MB 880-98435/5-A	Method Blank	Total/NA	Solid	8021B	98435
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	8021B	98435
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98435

Prep Batch: 98432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	5035	
890-7492-2	SS 20	Total/NA	Solid	5035	
890-7492-3	SS 64	Total/NA	Solid	5035	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Prep Batch: 98432 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-4	SS 80	Total/NA	Solid	5035	
890-7492-5	SS 262	Total/NA	Solid	5035	
890-7492-6	SS 320	Total/NA	Solid	5035	
MB 880-98432/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	5035	
890-7492-8	SS 46	Total/NA	Solid	5035	
890-7492-9	SS 107	Total/NA	Solid	5035	
890-7492-10	SS 290	Total/NA	Solid	5035	
890-7492-11	SS 339	Total/NA	Solid	5035	
890-7492-12	SS 495	Total/NA	Solid	5035	
MB 880-98433/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	5035	
890-7492-20	SS 477	Total/NA	Solid	5035	
890-7492-21	SS 176	Total/NA	Solid	5035	
890-7492-22	SS 138	Total/NA	Solid	5035	
890-7492-23	SS 420	Total/NA	Solid	5035	
MB 880-98434/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	5035	
890-7492-14	SS 154	Total/NA	Solid	5035	
890-7492-15	SS 504	Total/NA	Solid	5035	
890-7492-16	SS 398	Total/NA	Solid	5035	
890-7492-17	SS 183	Total/NA	Solid	5035	
890-7492-18	SS 200	Total/NA	Solid	5035	
MB 880-98435/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 98498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	Total BTEX	
890-7492-2	SS 20	Total/NA	Solid	Total BTEX	
890-7492-3	SS 64	Total/NA	Solid	Total BTEX	
890-7492-4	SS 80	Total/NA	Solid	Total BTEX	
890-7492-5	SS 262	Total/NA	Solid	Total BTEX	
890-7492-6	SS 320	Total/NA	Solid	Total BTEX	
890-7492-7	SS 488	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Analysis Batch: 98498 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-8	SS 46	Total/NA	Solid	Total BTEX	
890-7492-9	SS 107	Total/NA	Solid	Total BTEX	
890-7492-10	SS 290	Total/NA	Solid	Total BTEX	
890-7492-11	SS 339	Total/NA	Solid	Total BTEX	
890-7492-12	SS 495	Total/NA	Solid	Total BTEX	
890-7492-13	SS 129	Total/NA	Solid	Total BTEX	
890-7492-14	SS 154	Total/NA	Solid	Total BTEX	
890-7492-15	SS 504	Total/NA	Solid	Total BTEX	
890-7492-16	SS 398	Total/NA	Solid	Total BTEX	
890-7492-17	SS 183	Total/NA	Solid	Total BTEX	
890-7492-18	SS 200	Total/NA	Solid	Total BTEX	
890-7492-19	SS 435	Total/NA	Solid	Total BTEX	
890-7492-20	SS 477	Total/NA	Solid	Total BTEX	
890-7492-21	SS 176	Total/NA	Solid	Total BTEX	
890-7492-22	SS 138	Total/NA	Solid	Total BTEX	
890-7492-23	SS 420	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 98401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015NM Prep	
890-7492-2	SS 20	Total/NA	Solid	8015NM Prep	
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 98402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-4	SS 80	Total/NA	Solid	8015NM Prep	
890-7492-5	SS 262	Total/NA	Solid	8015NM Prep	
890-7492-6	SS 320	Total/NA	Solid	8015NM Prep	
890-7492-7	SS 488	Total/NA	Solid	8015NM Prep	
890-7492-8	SS 46	Total/NA	Solid	8015NM Prep	
890-7492-9	SS 107	Total/NA	Solid	8015NM Prep	
890-7492-10	SS 290	Total/NA	Solid	8015NM Prep	
890-7492-11	SS 339	Total/NA	Solid	8015NM Prep	
890-7492-12	SS 495	Total/NA	Solid	8015NM Prep	
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-3 MS	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-3 MSD	SS 64	Total/NA	Solid	8015NM Prep	

Prep Batch: 98403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-14	SS 154	Total/NA	Solid	8015NM Prep	
890-7492-15	SS 504	Total/NA	Solid	8015NM Prep	
890-7492-16	SS 398	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Prep Batch: 98403 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-17	SS 183	Total/NA	Solid	8015NM Prep	
890-7492-18	SS 200	Total/NA	Solid	8015NM Prep	
890-7492-19	SS 435	Total/NA	Solid	8015NM Prep	
890-7492-20	SS 477	Total/NA	Solid	8015NM Prep	
890-7492-21	SS 176	Total/NA	Solid	8015NM Prep	
890-7492-22	SS 138	Total/NA	Solid	8015NM Prep	
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-13 MS	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-13 MSD	SS 129	Total/NA	Solid	8015NM Prep	

Prep Batch: 98404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015NM Prep	
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-23 MS	SS 420	Total/NA	Solid	8015NM Prep	
890-7492-23 MSD	SS 420	Total/NA	Solid	8015NM Prep	

Analysis Batch: 98423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015B NM	98401
890-7492-2	SS 20	Total/NA	Solid	8015B NM	98401
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015B NM	98401
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98401
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98401

Analysis Batch: 98425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-4	SS 80	Total/NA	Solid	8015B NM	98402
890-7492-5	SS 262	Total/NA	Solid	8015B NM	98402
890-7492-6	SS 320	Total/NA	Solid	8015B NM	98402
890-7492-7	SS 488	Total/NA	Solid	8015B NM	98402
890-7492-8	SS 46	Total/NA	Solid	8015B NM	98402
890-7492-9	SS 107	Total/NA	Solid	8015B NM	98402
890-7492-10	SS 290	Total/NA	Solid	8015B NM	98402
890-7492-11	SS 339	Total/NA	Solid	8015B NM	98402
890-7492-12	SS 495	Total/NA	Solid	8015B NM	98402
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015B NM	98402
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98402
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98402
890-7492-3 MS	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-3 MSD	SS 64	Total/NA	Solid	8015B NM	98402

Analysis Batch: 98427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-14	SS 154	Total/NA	Solid	8015B NM	98403

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Analysis Batch: 98427 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-15	SS 504	Total/NA	Solid	8015B NM	98403
890-7492-16	SS 398	Total/NA	Solid	8015B NM	98403
890-7492-17	SS 183	Total/NA	Solid	8015B NM	98403
890-7492-18	SS 200	Total/NA	Solid	8015B NM	98403
890-7492-19	SS 435	Total/NA	Solid	8015B NM	98403
890-7492-20	SS 477	Total/NA	Solid	8015B NM	98403
890-7492-21	SS 176	Total/NA	Solid	8015B NM	98403
890-7492-22	SS 138	Total/NA	Solid	8015B NM	98403
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015B NM	98403
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98403
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98403
890-7492-13 MS	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-13 MSD	SS 129	Total/NA	Solid	8015B NM	98403

Analysis Batch: 98430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015B NM	98404
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015B NM	98404
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98404
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98404
890-7492-23 MS	SS 420	Total/NA	Solid	8015B NM	98404
890-7492-23 MSD	SS 420	Total/NA	Solid	8015B NM	98404

Analysis Batch: 98523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015 NM	
890-7492-2	SS 20	Total/NA	Solid	8015 NM	
890-7492-3	SS 64	Total/NA	Solid	8015 NM	
890-7492-4	SS 80	Total/NA	Solid	8015 NM	
890-7492-5	SS 262	Total/NA	Solid	8015 NM	
890-7492-6	SS 320	Total/NA	Solid	8015 NM	
890-7492-7	SS 488	Total/NA	Solid	8015 NM	
890-7492-8	SS 46	Total/NA	Solid	8015 NM	
890-7492-9	SS 107	Total/NA	Solid	8015 NM	
890-7492-10	SS 290	Total/NA	Solid	8015 NM	
890-7492-11	SS 339	Total/NA	Solid	8015 NM	
890-7492-12	SS 495	Total/NA	Solid	8015 NM	
890-7492-13	SS 129	Total/NA	Solid	8015 NM	
890-7492-14	SS 154	Total/NA	Solid	8015 NM	
890-7492-15	SS 504	Total/NA	Solid	8015 NM	
890-7492-16	SS 398	Total/NA	Solid	8015 NM	
890-7492-17	SS 183	Total/NA	Solid	8015 NM	
890-7492-18	SS 200	Total/NA	Solid	8015 NM	
890-7492-19	SS 435	Total/NA	Solid	8015 NM	
890-7492-20	SS 477	Total/NA	Solid	8015 NM	
890-7492-21	SS 176	Total/NA	Solid	8015 NM	
890-7492-22	SS 138	Total/NA	Solid	8015 NM	
890-7492-23	SS 420	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC

Leach Batch: 98373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	DI Leach	
890-7492-13	SS 129	Soluble	Solid	DI Leach	
890-7492-14	SS 154	Soluble	Solid	DI Leach	
890-7492-15	SS 504	Soluble	Solid	DI Leach	
890-7492-16	SS 398	Soluble	Solid	DI Leach	
890-7492-17	SS 183	Soluble	Solid	DI Leach	
890-7492-18	SS 200	Soluble	Solid	DI Leach	
890-7492-19	SS 435	Soluble	Solid	DI Leach	
890-7492-20	SS 477	Soluble	Solid	DI Leach	
890-7492-21	SS 176	Soluble	Solid	DI Leach	
890-7492-22	SS 138	Soluble	Solid	DI Leach	
890-7492-23	SS 420	Soluble	Solid	DI Leach	
MB 880-98373/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-20 MS	SS 477	Soluble	Solid	DI Leach	
890-7492-20 MSD	SS 477	Soluble	Solid	DI Leach	

Leach Batch: 98374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	DI Leach	
890-7492-2	SS 20	Soluble	Solid	DI Leach	
890-7492-3	SS 64	Soluble	Solid	DI Leach	
890-7492-4	SS 80	Soluble	Solid	DI Leach	
890-7492-5	SS 262	Soluble	Solid	DI Leach	
890-7492-6	SS 320	Soluble	Solid	DI Leach	
890-7492-7	SS 488	Soluble	Solid	DI Leach	
890-7492-8	SS 46	Soluble	Solid	DI Leach	
890-7492-9	SS 107	Soluble	Solid	DI Leach	
890-7492-10	SS 290	Soluble	Solid	DI Leach	
890-7492-11	SS 339	Soluble	Solid	DI Leach	
MB 880-98374/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-2 MS	SS 20	Soluble	Solid	DI Leach	
890-7492-2 MSD	SS 20	Soluble	Solid	DI Leach	

Analysis Batch: 98376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	300.0	98374
890-7492-2	SS 20	Soluble	Solid	300.0	98374
890-7492-3	SS 64	Soluble	Solid	300.0	98374
890-7492-4	SS 80	Soluble	Solid	300.0	98374
890-7492-5	SS 262	Soluble	Solid	300.0	98374
890-7492-6	SS 320	Soluble	Solid	300.0	98374
890-7492-7	SS 488	Soluble	Solid	300.0	98374
890-7492-8	SS 46	Soluble	Solid	300.0	98374
890-7492-9	SS 107	Soluble	Solid	300.0	98374
890-7492-10	SS 290	Soluble	Solid	300.0	98374
890-7492-11	SS 339	Soluble	Solid	300.0	98374
MB 880-98374/1-A	Method Blank	Soluble	Solid	300.0	98374

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC (Continued)

Analysis Batch: 98376 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	300.0	98374
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98374
890-7492-2 MS	SS 20	Soluble	Solid	300.0	98374
890-7492-2 MSD	SS 20	Soluble	Solid	300.0	98374

Analysis Batch: 98377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	300.0	98373
890-7492-13	SS 129	Soluble	Solid	300.0	98373
890-7492-14	SS 154	Soluble	Solid	300.0	98373
890-7492-15	SS 504	Soluble	Solid	300.0	98373
890-7492-16	SS 398	Soluble	Solid	300.0	98373
890-7492-17	SS 183	Soluble	Solid	300.0	98373
890-7492-18	SS 200	Soluble	Solid	300.0	98373
890-7492-19	SS 435	Soluble	Solid	300.0	98373
890-7492-20	SS 477	Soluble	Solid	300.0	98373
890-7492-21	SS 176	Soluble	Solid	300.0	98373
890-7492-22	SS 138	Soluble	Solid	300.0	98373
890-7492-23	SS 420	Soluble	Solid	300.0	98373
MB 880-98373/1-A	Method Blank	Soluble	Solid	300.0	98373
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	300.0	98373
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98373
890-7492-20 MS	SS 477	Soluble	Solid	300.0	98373
890-7492-20 MSD	SS 477	Soluble	Solid	300.0	98373

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01

Date Collected: 12/19/24 08:20

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 11:51
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		5	98350	MNR	EET MID	12/20/24 13:55
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:55
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		20	98376	CH	EET MID	12/20/24 10:49

Client Sample ID: SS 20

Date Collected: 12/19/24 08:36

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:15
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:15
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 10:58

Client Sample ID: SS 64

Date Collected: 12/19/24 08:47

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 12:33
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:33
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 09:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 09:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:54

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Date Collected: 12/19/24 08:53

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:36
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:36
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:24
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:24
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:30

Client Sample ID: SS 262

Date Collected: 12/19/24 08:59

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		50	98350	MNR	EET MID	12/20/24 13:14
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:14
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:38
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:38
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:48

Client Sample ID: SS 320

Date Collected: 12/19/24 09:04

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		25	98350	MNR	EET MID	12/20/24 13:34
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:34
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:53
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:53
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:59

Client Sample ID: SS 488

Date Collected: 12/19/24 09:12

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		100	98351	MNR	EET MID	12/20/24 12:24
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:24

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488

Date Collected: 12/19/24 09:12

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:08
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:08
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:06

Client Sample ID: SS 46

Date Collected: 12/19/24 10:15

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 12:45
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:45
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:25
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:25
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:11

Client Sample ID: SS 107

Date Collected: 12/19/24 10:22

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:05
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:05
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:17

Client Sample ID: SS 290

Date Collected: 12/19/24 10:30

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:25
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:25
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:54
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:54

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:23

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:46
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:46
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:29

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 14:06
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:06
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:36

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 11:49
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 11:49
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:43

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Date Collected: 12/19/24 11:19

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:10
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:10
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:00
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:00
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:50

Client Sample ID: SS 504

Date Collected: 12/19/24 11:40

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		10	98353	MNR	EET MID	12/20/24 13:32
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:32
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:15
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:15
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:12

Client Sample ID: SS 398

Date Collected: 12/19/24 11:27

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:30
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:30
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:31
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:31
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:19

Client Sample ID: SS 183

Date Collected: 12/19/24 11:44

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:51
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:51

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183
Date Collected: 12/19/24 11:44
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:47
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:47
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:26

Client Sample ID: SS 200
Date Collected: 12/19/24 11:49
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 13:11
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:11
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:03
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:03
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:33

Client Sample ID: SS 435
Date Collected: 12/19/24 11:53
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:07
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:07
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:20
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:20
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:40

Client Sample ID: SS 477
Date Collected: 12/19/24 12:02
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:27
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:27
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:36
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:36

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 477

Date Collected: 12/19/24 12:02

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:48

Client Sample ID: SS 176

Date Collected: 12/19/24 12:07

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-21

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		10	98352	MNR	EET MID	12/20/24 13:28
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:28
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:52
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:52
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:09

Client Sample ID: SS 138

Date Collected: 12/19/24 12:17

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-22

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:48
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:48
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 14:07
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 14:07
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 10:16

Client Sample ID: SS 420

Date Collected: 12/19/24 12:22

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-23

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 13:08
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:08
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98404	EL	EET MID	12/19/24 21:32
Total/NA	Analysis	8015B NM		1	98430	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:38

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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Method Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7492-1	SS 01	Solid	12/19/24 08:20	12/19/24 15:45	- SURFACE
890-7492-2	SS 20	Solid	12/19/24 08:36	12/19/24 15:45	- SURFACE
890-7492-3	SS 64	Solid	12/19/24 08:47	12/19/24 15:45	- SURFACE
890-7492-4	SS 80	Solid	12/19/24 08:53	12/19/24 15:45	- SURFACE
890-7492-5	SS 262	Solid	12/19/24 08:59	12/19/24 15:45	- SURFACE
890-7492-6	SS 320	Solid	12/19/24 09:04	12/19/24 15:45	- SURFACE
890-7492-7	SS 488	Solid	12/19/24 09:12	12/19/24 15:45	- SURFACE
890-7492-8	SS 46	Solid	12/19/24 10:15	12/19/24 15:45	- SURFACE
890-7492-9	SS 107	Solid	12/19/24 10:22	12/19/24 15:45	- SURFACE
890-7492-10	SS 290	Solid	12/19/24 10:30	12/19/24 15:45	- SURFACE
890-7492-11	SS 339	Solid	12/19/24 10:37	12/19/24 15:45	- SURFACE
890-7492-12	SS 495	Solid	12/19/24 10:44	12/19/24 15:45	- SURFACE
890-7492-13	SS 129	Solid	12/19/24 11:07	12/19/24 15:45	- SURFACE
890-7492-14	SS 154	Solid	12/19/24 11:19	12/19/24 15:45	- SURFACE
890-7492-15	SS 504	Solid	12/19/24 11:40	12/19/24 15:45	- SURFACE
890-7492-16	SS 398	Solid	12/19/24 11:27	12/19/24 15:45	- SURFACE
890-7492-17	SS 183	Solid	12/19/24 11:44	12/19/24 15:45	- SURFACE
890-7492-18	SS 200	Solid	12/19/24 11:49	12/19/24 15:45	- SURFACE
890-7492-19	SS 435	Solid	12/19/24 11:53	12/19/24 15:45	- SURFACE
890-7492-20	SS 477	Solid	12/19/24 12:02	12/19/24 15:45	- SURFACE
890-7492-21	SS 176	Solid	12/19/24 12:07	12/19/24 15:45	- SURFACE
890-7492-22	SS 138	Solid	12/19/24 12:17	12/19/24 15:45	- SURFACE
890-7492-23	SS 420	Solid	12/19/24 12:22	12/19/24 15:45	- SURFACE



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No: _____

Page 1 of 3

Project Manager: <u>Michael Wicker</u>	Bill to: (if different) <u>CDH Consulting</u>
Company Name: <u>Cotto</u>	Program: ☐ PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
Address: _____	State of Project: _____
City, State ZIP: _____	Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Phone: <u>616-970-8459</u>	Deliverables: EDD ☐ ADAPT ☐ Other: _____
Email: <u>mwicker@cdhconsult.com</u>	

Project Name:	Turn Around	Pres. Code	ANALYSIS REQUEST	Preservative Codes
Project Number: <u>Close Encounter 30114</u>	☐ Routine ☒ Rush			None: NO DI Water: H ₂ O
Project Location: <u>Buckeye, NM</u>	Due Date: <u>12-20-2024</u>			Cool: Cool MeOH: Me
Sampler's Name: <u>Dakotah Cueto</u>	TAT starts the day received by the lab, if received by 4:30pm			HCL: HC HNO ₃
PO #:				H ₂ SO ₄ : H ₂ NaOH: Na



890-7492 Chain of Custody

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Sample Comments
SS01	S	12-19-24	08:20	Surf	C	1	
SS20	S		08:36		C	1	
SS104	S		08:47		C	1	
SS80	S		08:53		C	1	
SS2102	S		08:59		C	1	
SS320	S		09:04		C	1	
SS488	S		09:12		C	1	
SS416	S		10:15		C	1	
SS107	S		10:22		C	1	
SS290	S		10:30		C	1	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>Dakotah Cueto</u>	<u>[Signature]</u>	12/19 1545			
3		4			
5		6			

Revised Date: 06/25/2020 Rev. 2020.2



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
 Midland, TX (432) 704-5440, San Antonio, TX (210) 505-3334
 EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
 Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Little Rock, AR (501) 224-5060

Page 2 of 3

Project Manager: Michael Wicker		Bill to: (if different)		Company Name: CDT Consulting		Work Order Comments	
Company Name: CDT		Company Name:		Address:		Program: ☐ UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
Address:		City, State ZIP:		City, State ZIP:		State of Project:	
City, State ZIP:		Email: mwicker@cdhconsult.com		Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐		Deliverables: EDD ☐ ADAPT ☐ Other:	
Phone:		Turn Around		ANALYSIS REQUEST		Preservative Codes	
Project Name: Close Encounters Golf		☐ Routine ☒ Rush				None: NO DI Water: H ₂ O	
Project Number:		Due Date: 12-20-2024				Cool: Cool MeOH: Me	
Project Location: Buellville, NM		TAT starts the day received by the lab, if received by 4:30pm				HCL: HC HNO ₃	
Sampler's Name: Dakotaiah Cweto						H ₂ SO ₄ : H ₂ NaOH: Na	
PO #:						H ₃ PO ₄ : HP	
SAMPLE RECEIPT		Temp Blank: Yes No		Wet Ice: Yes No		NaHSO ₄ : NABIS	
Samples Received Intact: Yes No		Thermometer ID:				Na ₂ S ₂ O ₃ : NaSO ₃	
Cooler Custody Seals: Yes No N/A		Correction Factor:				Zn Acetate+NaOH: Zn	
Sample Custody Seals: Yes No N/A		Temperature Reading:				NaOH+Ascorbic Acid: SAPC	
Total Containers:		Corrected Temperature:					
Sample Identification		Date Sampled		Time Sampled		Depth	
Matrix		Grab/Comp		# of Cont		Sample Comments	
SS339	S	12/19/2024	10:37	Surf	C	1	
SS495	S		10:44		C	1	
SS129	S		11:07		C	1	
SS154	S		11:19		C	1	
SS504	S		11:40		C	1	
SS398	S		11:27		C	1	
SS183	S		11:34		C	1	
SS200	S		11:49		C	1	
SS435	S		11:53		C	1	
SS477	S		12:02		C	1	
Total 200.7 / 6010 200.8 / 6020:		8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn					
Circle Method(s) and Meta(s) to be analyzed		TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U				Hg: 1631 / 245.1 / 7470 / 7471	
Notice: Signature of this document and relinquishment of sample constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.							
Relinquished by: (Signature)		Received by: (Signature)		Date/Time		Date/Time	
1 Dakotaiah Cweto				2			
3				4			
5				6			

Revised Date: 08/25/2020 Rev. 2020.2



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 382-7550, Carlsbad, NM (575) 988-3499
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

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[illegible]

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Source: Eurofins Midland

List Number: 2

List Creation: 12/19/24 09:21 PM

Creator: Laing, Edmundo

Question	Answer	Comment
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time (excluding tests with immediate HTs)		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").		



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Michael Wicker
CDH Consulting
9446 Clermont St,
Thornton, Colorado 80229
Generated 12/20/2024 3:02:55 PM

JOB DESCRIPTION

CLOSE ENCOUNTER 301 H
BUCKEYE

JOB NUMBER

890-7492-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

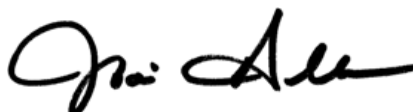
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
12/20/2024 3:02:55 PM

Authorized for release by
Jodi Allen, Project Manager I
Jodi.Allen@et.eurofinsus.com
(281)520-2865

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Laboratory Job ID: 890-7492-1
SDG: BUCKEYE

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Definitions/Glossary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1

Eurofins Carlsbad

Job Narrative
890-7492-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 12/19/2024 3:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 64 (890-7492-3), SS 80 (890-7492-4), SS 262 (890-7492-5), SS 320 (890-7492-6), SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11), SS 495 (890-7492-12), SS 129 (890-7492-13), SS 154 (890-7492-14), SS 504 (890-7492-15), SS 398 (890-7492-16), SS 183 (890-7492-17), SS 200 (890-7492-18), SS 435 (890-7492-19), SS 477 (890-7492-20), SS 176 (890-7492-21), SS 138 (890-7492-22) and SS 420 (890-7492-23).

GC VOA

Method 8021B: The following samples were diluted due to physical characteristics such as color, odor, appearance, viscosity, etc. >>: SS 01 (890-7492-1), SS 20 (890-7492-2), SS 80 (890-7492-4), SS 262 (890-7492-5) and SS 320 (890-7492-6). Elevated reporting limits (RL) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 01 (890-7492-1), SS 20 (890-7492-2) and SS 64 (890-7492-3). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 398 (890-7492-16) and SS 200 (890-7492-18). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SS 176 (890-7492-21). Evidence of matrix interferences is not obvious.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: SS 488 (890-7492-7), SS 46 (890-7492-8), SS 107 (890-7492-9), SS 290 (890-7492-10), SS 339 (890-7492-11) and SS 495 (890-7492-12). Elevated reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SS 46 (890-7492-8), SS 290 (890-7492-10) and SS 495 (890-7492-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: SS 504 (890-7492-15). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-98402/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98402 and analytical batch 880-98425 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within

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Case Narrative

Client: CDH Consulting
Project: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1

Job ID: 890-7492-1 (Continued)

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acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SS 262 (890-7492-5). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Due to the high concentration of Diesel Range Organics (Over C10-C28), the matrix spike (MS) for preparation batch 880-98403 and analytical batch 880-98427 could not be evaluated for accuracy. The associated matrix spike duplicate (MSD) met acceptance criteria.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SS 477 (890-7492-20), (LCS 880-98403/2-A) and (LCSD 880-98403/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The method blank for preparation batch 880-98404 and analytical batch 880-98430 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-98404/2-A) and (LCSD 880-98404/3-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-98404 and analytical batch 880-98430 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The laboratory control sample (LCS) for preparation batch 880-98403 and analytical batch 880-98427 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10. Since only an acceptable LCSD is required per the method, the LCSD shows recovery for the batch and the data has been qualified and reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-98374 and analytical batch 880-98376 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01

Lab Sample ID: 890-7492-1

Date Collected: 12/19/24 08:20

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0101	U	0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Ethylbenzene	0.0947		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Toluene	0.0306		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Xylenes, Total	1.81		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
m-Xylene & p-Xylene	0.0449		0.0202		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
o-Xylene	1.77		0.0101		mg/Kg		12/20/24 08:24	12/20/24 13:55	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:24	12/20/24 11:51	20
1,4-Difluorobenzene (Surr)	124		70 - 130				12/20/24 08:24	12/20/24 11:51	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.94		0.0202		mg/Kg			12/20/24 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	287		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	287		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				12/19/24 21:26	12/20/24 12:09	1
o-Terphenyl	86		70 - 130				12/19/24 21:26	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17600		199		mg/Kg			12/20/24 10:49	20

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Ethylbenzene	0.0420		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Toluene	0.0216		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Xylenes, Total	0.350		0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
m-Xylene & p-Xylene	<0.0401	U	0.0401		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
o-Xylene	0.350		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:15	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				12/20/24 08:24	12/20/24 14:15	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 20

Lab Sample ID: 890-7492-2

Date Collected: 12/19/24 08:36

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	136	S1+	70 - 130	12/20/24 08:24	12/20/24 14:15	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.414		0.0401		mg/Kg			12/20/24 14:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	110		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	110		49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:26	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				12/19/24 21:26	12/20/24 12:23	1
o-Terphenyl	77		70 - 130				12/19/24 21:26	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300	F1	49.9		mg/Kg			12/20/24 10:58	5

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Ethylbenzene	0.242		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Toluene	0.0581		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
Xylenes, Total	0.781		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
m-Xylene & p-Xylene	0.189		0.0795		mg/Kg		12/20/24 08:24	12/20/24 12:33	20
o-Xylene	0.592		0.0398		mg/Kg		12/20/24 08:24	12/20/24 12:33	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20
1,4-Difluorobenzene (Surr)	131	S1+	70 - 130	12/20/24 08:24	12/20/24 12:33	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.08		0.0795		mg/Kg			12/20/24 12:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	631		50.0		mg/Kg			12/20/24 09:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 64

Lab Sample ID: 890-7492-3

Date Collected: 12/19/24 08:47

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Diesel Range Organics (Over C10-C28)	631	F1	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 09:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 09:40	1
o-Terphenyl	78		70 - 130				12/19/24 21:28	12/20/24 09:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3110		50.2		mg/Kg			12/20/24 11:54	5

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Ethylbenzene	0.0344		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Toluene	<0.0200	U	0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Xylenes, Total	0.680		0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
m-Xylene & p-Xylene	<0.0399	U	0.0399		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
o-Xylene	0.680		0.0200		mg/Kg		12/20/24 08:24	12/20/24 14:36	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				12/20/24 08:24	12/20/24 14:36	10
1,4-Difluorobenzene (Surr)	106		70 - 130				12/20/24 08:24	12/20/24 14:36	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.714		0.0399		mg/Kg			12/20/24 14:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	188		50.0		mg/Kg			12/20/24 10:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Diesel Range Organics (Over C10-C28)	188		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				12/19/24 21:28	12/20/24 10:24	1
o-Terphenyl	74		70 - 130				12/19/24 21:28	12/20/24 10:24	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Lab Sample ID: 890-7492-4

Date Collected: 12/19/24 08:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3070		100		mg/Kg			12/20/24 11:30	10

Client Sample ID: SS 262

Lab Sample ID: 890-7492-5

Date Collected: 12/19/24 08:59

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Ethylbenzene	0.966		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Toluene	0.415		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Xylenes, Total	1.51		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
m-Xylene & p-Xylene	0.756		0.202		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
o-Xylene	0.754		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:14	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				12/20/24 08:24	12/20/24 13:14	50
1,4-Difluorobenzene (Surr)	122		70 - 130				12/20/24 08:24	12/20/24 13:14	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.89		0.202		mg/Kg			12/20/24 13:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	463		50.0		mg/Kg			12/20/24 10:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Diesel Range Organics (Over C10-C28)	463		50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 10:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				12/19/24 21:28	12/20/24 10:38	1
o-Terphenyl	69	S1-	70 - 130				12/19/24 21:28	12/20/24 10:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4470		99.4		mg/Kg			12/20/24 11:48	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 320

Lab Sample ID: 890-7492-6

Date Collected: 12/19/24 09:04

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0503	U	0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Ethylbenzene	0.537		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Toluene	0.125		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Xylenes, Total	1.20		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
m-Xylene & p-Xylene	0.454		0.101		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
o-Xylene	0.746		0.0503		mg/Kg		12/20/24 08:24	12/20/24 13:34	25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				12/20/24 08:24	12/20/24 13:34	25
1,4-Difluorobenzene (Surr)	126		70 - 130				12/20/24 08:24	12/20/24 13:34	25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.86		0.101		mg/Kg			12/20/24 13:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	876		49.7		mg/Kg			12/20/24 10:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Diesel Range Organics (Over C10-C28)	876		49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:28	12/20/24 10:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				12/19/24 21:28	12/20/24 10:53	1
o-Terphenyl	75		70 - 130				12/19/24 21:28	12/20/24 10:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3410		49.8		mg/Kg			12/20/24 11:59	5

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.199	U	0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Ethylbenzene	1.92		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Toluene	0.602		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Xylenes, Total	3.04		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
m-Xylene & p-Xylene	1.78		0.398		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
o-Xylene	1.26		0.199		mg/Kg		12/20/24 08:27	12/20/24 12:24	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				12/20/24 08:27	12/20/24 12:24	100

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488

Lab Sample ID: 890-7492-7

Date Collected: 12/19/24 09:12

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	100		70 - 130	12/20/24 08:27	12/20/24 12:24	100

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	5.56		0.398		mg/Kg			12/20/24 12:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2500		49.8		mg/Kg			12/20/24 11:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.7		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Diesel Range Organics (Over C10-C28)	2410		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:08	1
o-Terphenyl	95		70 - 130				12/19/24 21:28	12/20/24 11:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3680		49.6		mg/Kg			12/20/24 12:06	5

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.11		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Ethylbenzene	9.28		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Toluene	7.96		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Xylenes, Total	10.9		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
m-Xylene & p-Xylene	6.88		0.200		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
o-Xylene	4.05		0.0998		mg/Kg		12/20/24 08:27	12/20/24 12:45	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130				12/20/24 08:27	12/20/24 12:45	50
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:27	12/20/24 12:45	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	29.3		0.200		mg/Kg			12/20/24 12:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1330		49.9		mg/Kg			12/20/24 11:25	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 46

Lab Sample ID: 890-7492-8

Date Collected: 12/19/24 10:15

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	95.0		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Diesel Range Organics (Over C10-C28)	1230		49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:28	12/20/24 11:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:25	1
o-Terphenyl	81		70 - 130				12/19/24 21:28	12/20/24 11:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5420		101		mg/Kg			12/20/24 12:11	10

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Ethylbenzene	1.52		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Toluene	0.807		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Xylenes, Total	4.70		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
m-Xylene & p-Xylene	3.88		0.202		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
o-Xylene	0.815		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:05	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				12/20/24 08:27	12/20/24 13:05	50
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:27	12/20/24 13:05	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	7.02		0.202		mg/Kg			12/20/24 13:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 11:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	60.0		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Diesel Range Organics (Over C10-C28)	1450		50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 11:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				12/19/24 21:28	12/20/24 11:40	1
o-Terphenyl	86		70 - 130				12/19/24 21:28	12/20/24 11:40	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 107

Lab Sample ID: 890-7492-9

Date Collected: 12/19/24 10:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5250		99.4		mg/Kg			12/20/24 12:17	10

Client Sample ID: SS 290

Lab Sample ID: 890-7492-10

Date Collected: 12/19/24 10:30

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.151		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Ethylbenzene	3.30		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Toluene	1.75		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Xylenes, Total	4.33		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
m-Xylene & p-Xylene	2.60		0.201		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
o-Xylene	1.73		0.101		mg/Kg		12/20/24 08:27	12/20/24 13:25	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/20/24 08:27	12/20/24 13:25	50
1,4-Difluorobenzene (Surr)	100		70 - 130				12/20/24 08:27	12/20/24 13:25	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	9.53		0.201		mg/Kg			12/20/24 13:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2470		49.8		mg/Kg			12/20/24 11:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	129		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Diesel Range Organics (Over C10-C28)	2340		49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 11:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				12/19/24 21:28	12/20/24 11:54	1
o-Terphenyl	105		70 - 130				12/19/24 21:28	12/20/24 11:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5400		99.8		mg/Kg			12/20/24 12:23	10

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 339

Lab Sample ID: 890-7492-11

Date Collected: 12/19/24 10:37

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.106		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Ethylbenzene	3.81		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Toluene	1.12		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
Xylenes, Total	5.28		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
m-Xylene & p-Xylene	3.48		0.200		mg/Kg		12/20/24 08:27	12/20/24 13:46	50
o-Xylene	1.80		0.100		mg/Kg		12/20/24 08:27	12/20/24 13:46	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	12/20/24 08:27	12/20/24 13:46	50
1,4-Difluorobenzene (Surr)	99		70 - 130	12/20/24 08:27	12/20/24 13:46	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	10.3		0.200		mg/Kg			12/20/24 13:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3950		49.8		mg/Kg			12/20/24 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	154		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Diesel Range Organics (Over C10-C28)	3800		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	12/19/24 21:28	12/20/24 12:09	1
o-Terphenyl	121		70 - 130	12/19/24 21:28	12/20/24 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4280		49.9		mg/Kg			12/20/24 12:29	5

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0994	U	0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Ethylbenzene	5.40		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Toluene	1.34		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
Xylenes, Total	7.57		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
m-Xylene & p-Xylene	4.90		0.199		mg/Kg		12/20/24 08:27	12/20/24 14:06	50
o-Xylene	2.67		0.0994		mg/Kg		12/20/24 08:27	12/20/24 14:06	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130	12/20/24 08:27	12/20/24 14:06	50

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 495

Lab Sample ID: 890-7492-12

Date Collected: 12/19/24 10:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	12/20/24 08:27	12/20/24 14:06	50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	14.3		0.199		mg/Kg			12/20/24 14:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3070		49.8		mg/Kg			12/20/24 12:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	177		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Diesel Range Organics (Over C10-C28)	2890		49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:28	12/20/24 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:28	12/20/24 12:23	1
o-Terphenyl	108		70 - 130				12/19/24 21:28	12/20/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3660		49.6		mg/Kg			12/20/24 08:36	5

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Ethylbenzene	0.0238		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Toluene	0.00837		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
Xylenes, Total	0.0306		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
m-Xylene & p-Xylene	0.0204		0.00404		mg/Kg		12/20/24 08:33	12/20/24 11:49	1
o-Xylene	0.0102		0.00202		mg/Kg		12/20/24 08:33	12/20/24 11:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	12/20/24 08:33	12/20/24 11:49	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/20/24 08:33	12/20/24 11:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0628		0.00404		mg/Kg			12/20/24 11:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	538		49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 129

Lab Sample ID: 890-7492-13

Date Collected: 12/19/24 11:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Diesel Range Organics (Over C10-C28)	538	F1	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 11:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 11:11	1
o-Terphenyl	79		70 - 130				12/19/24 21:30	12/20/24 11:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3350		50.0		mg/Kg			12/20/24 08:43	5

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Ethylbenzene	0.0475		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Toluene	0.0124		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Xylenes, Total	0.0632		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
m-Xylene & p-Xylene	0.0373		0.00401		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
o-Xylene	0.0259		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				12/20/24 08:33	12/20/24 12:10	1
1,4-Difluorobenzene (Surr)	93		70 - 130				12/20/24 08:33	12/20/24 12:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.123		0.00401		mg/Kg			12/20/24 12:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2710		49.8		mg/Kg			12/20/24 12:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Diesel Range Organics (Over C10-C28)	2710		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				12/19/24 21:30	12/20/24 12:00	1
o-Terphenyl	120		70 - 130				12/19/24 21:30	12/20/24 12:00	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Lab Sample ID: 890-7492-14

Date Collected: 12/19/24 11:19

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1710		50.3		mg/Kg			12/20/24 08:50	5

Client Sample ID: SS 504

Lab Sample ID: 890-7492-15

Date Collected: 12/19/24 11:40

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Ethylbenzene	0.563		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Toluene	0.173		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Xylenes, Total	0.464		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
m-Xylene & p-Xylene	0.290		0.0398		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
o-Xylene	0.174		0.0199		mg/Kg		12/20/24 08:33	12/20/24 13:32	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				12/20/24 08:33	12/20/24 13:32	10
1,4-Difluorobenzene (Surr)	94		70 - 130				12/20/24 08:33	12/20/24 13:32	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.20		0.0398		mg/Kg			12/20/24 13:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1510		50.0		mg/Kg			12/20/24 12:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Diesel Range Organics (Over C10-C28)	1510		50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 12:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				12/19/24 21:30	12/20/24 12:15	1
o-Terphenyl	97		70 - 130				12/19/24 21:30	12/20/24 12:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2990		50.0		mg/Kg			12/20/24 09:12	5

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 398

Lab Sample ID: 890-7492-16

Date Collected: 12/19/24 11:27

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0262		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Ethylbenzene	0.199		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Toluene	0.168		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Xylenes, Total	0.269		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
m-Xylene & p-Xylene	0.158		0.00399		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
o-Xylene	0.111		0.00200		mg/Kg		12/20/24 08:33	12/20/24 12:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130				12/20/24 08:33	12/20/24 12:30	1
1,4-Difluorobenzene (Surr)	96		70 - 130				12/20/24 08:33	12/20/24 12:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.662		0.00399		mg/Kg			12/20/24 12:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3130		49.9		mg/Kg			12/20/24 12:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.1	*+	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Diesel Range Organics (Over C10-C28)	3040		49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 12:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				12/19/24 21:30	12/20/24 12:31	1
o-Terphenyl	120		70 - 130				12/19/24 21:30	12/20/24 12:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2960		50.1		mg/Kg			12/20/24 09:19	5

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Ethylbenzene	0.0487		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Toluene	0.00442		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Xylenes, Total	0.0402		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
m-Xylene & p-Xylene	0.0276		0.00404		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
o-Xylene	0.0126		0.00202		mg/Kg		12/20/24 08:33	12/20/24 12:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				12/20/24 08:33	12/20/24 12:51	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Lab Sample ID: 890-7492-17

Date Collected: 12/19/24 11:44

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	75		70 - 130	12/20/24 08:33	12/20/24 12:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0933		0.00404		mg/Kg			12/20/24 12:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	311		49.8		mg/Kg			12/20/24 12:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Diesel Range Organics (Over C10-C28)	311		49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 12:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				12/19/24 21:30	12/20/24 12:47	1
o-Terphenyl	77		70 - 130				12/19/24 21:30	12/20/24 12:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.8		9.96		mg/Kg			12/20/24 09:26	1

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Ethylbenzene	0.191		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Toluene	0.110		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
Xylenes, Total	0.265		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
m-Xylene & p-Xylene	0.156		0.00402		mg/Kg		12/20/24 08:33	12/20/24 13:11	1
o-Xylene	0.109		0.00201		mg/Kg		12/20/24 08:33	12/20/24 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130	12/20/24 08:33	12/20/24 13:11	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 13:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.566		0.00402		mg/Kg			12/20/24 13:11	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2050		49.9		mg/Kg			12/20/24 13:03	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 200

Lab Sample ID: 890-7492-18

Date Collected: 12/19/24 11:49

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Diesel Range Organics (Over C10-C28)	2050		49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:30	12/20/24 13:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				12/19/24 21:30	12/20/24 13:03	1
o-Terphenyl	106		70 - 130				12/19/24 21:30	12/20/24 13:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	930		10.0		mg/Kg			12/20/24 09:33	1

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Ethylbenzene	0.00665		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Toluene	0.00205		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Xylenes, Total	0.0105		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
m-Xylene & p-Xylene	0.00628		0.00404		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
o-Xylene	0.00418		0.00202		mg/Kg		12/20/24 08:30	12/20/24 12:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				12/20/24 08:30	12/20/24 12:07	1
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 12:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0192		0.00404		mg/Kg			12/20/24 12:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	601		49.7		mg/Kg			12/20/24 13:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U **	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Diesel Range Organics (Over C10-C28)	601		49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:30	12/20/24 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				12/19/24 21:30	12/20/24 13:20	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 13:20	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 435

Lab Sample ID: 890-7492-19

Date Collected: 12/19/24 11:53

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3030		49.7		mg/Kg			12/20/24 09:40	5

Client Sample ID: SS 477

Lab Sample ID: 890-7492-20

Date Collected: 12/19/24 12:02

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Xylenes, Total	0.133		0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
o-Xylene	0.133		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				12/20/24 08:30	12/20/24 12:27	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/20/24 08:30	12/20/24 12:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.133		0.00401		mg/Kg			12/20/24 12:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/20/24 13:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 13:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 13:36	1
o-Terphenyl	66	S1-	70 - 130				12/19/24 21:30	12/20/24 13:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		10.0		mg/Kg			12/20/24 09:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 176

Lab Sample ID: 890-7492-21

Date Collected: 12/19/24 12:07

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Ethylbenzene	0.950		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Toluene	0.199		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Xylenes, Total	1.58		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
m-Xylene & p-Xylene	0.943		0.0398		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
o-Xylene	0.636		0.0199		mg/Kg		12/20/24 08:30	12/20/24 13:28	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	193	S1+	70 - 130				12/20/24 08:30	12/20/24 13:28	10
1,4-Difluorobenzene (Surr)	104		70 - 130				12/20/24 08:30	12/20/24 13:28	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.73		0.0398		mg/Kg			12/20/24 13:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2110		49.8		mg/Kg			12/20/24 13:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Diesel Range Organics (Over C10-C28)	2110		49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 13:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/19/24 21:30	12/20/24 13:52	1
o-Terphenyl	112		70 - 130				12/19/24 21:30	12/20/24 13:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	812		9.98		mg/Kg			12/20/24 10:09	1

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Ethylbenzene	0.0120		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Toluene	0.00377		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Xylenes, Total	0.0233		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
m-Xylene & p-Xylene	0.0102		0.00399		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
o-Xylene	0.0131		0.00200		mg/Kg		12/20/24 08:30	12/20/24 12:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				12/20/24 08:30	12/20/24 12:48	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 138

Lab Sample ID: 890-7492-22

Date Collected: 12/19/24 12:17

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130	12/20/24 08:30	12/20/24 12:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0391		0.00399		mg/Kg			12/20/24 12:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	573		49.8		mg/Kg			12/20/24 14:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Diesel Range Organics (Over C10-C28)	573		49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/24 21:30	12/20/24 14:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/19/24 21:30	12/20/24 14:07	1
o-Terphenyl	78		70 - 130				12/19/24 21:30	12/20/24 14:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2650		50.1		mg/Kg			12/20/24 10:16	5

Client Sample ID: SS 420

Lab Sample ID: 890-7492-23

Date Collected: 12/19/24 12:22

Matrix: Solid

Date Received: 12/19/24 15:45

Sample Depth: - SURFACE

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
Xylenes, Total	0.0889		0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/20/24 08:30	12/20/24 13:08	1
o-Xylene	0.0889		0.00202		mg/Kg		12/20/24 08:30	12/20/24 13:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	12/20/24 08:30	12/20/24 13:08	1
1,4-Difluorobenzene (Surr)	91		70 - 130	12/20/24 08:30	12/20/24 13:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0889		0.00404		mg/Kg			12/20/24 13:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/20/24 11:11	1

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Client Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 420
Date Collected: 12/19/24 12:22
Date Received: 12/19/24 15:45
Sample Depth: - SURFACE

Lab Sample ID: 890-7492-23
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/24 21:32	12/20/24 11:11	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	104		70 - 130				12/19/24 21:32	12/20/24 11:11	1	
o-Terphenyl	109		70 - 130				12/19/24 21:32	12/20/24 11:11	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	162		9.94		mg/Kg			12/20/24 10:38	1	

Surrogate Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-7492-1	SS 01	131 S1+	124
890-7492-2	SS 20	128	136 S1+
890-7492-3	SS 64	137 S1+	131 S1+
890-7492-4	SS 80	144 S1+	106
890-7492-5	SS 262	125	122
890-7492-6	SS 320	126	126
890-7492-7	SS 488	106	100
890-7492-8	SS 46	171 S1+	94
890-7492-9	SS 107	107	101
890-7492-10	SS 290	131 S1+	100
890-7492-11	SS 339	122	99
890-7492-12	SS 495	139 S1+	104
890-7492-13	SS 129	109	95
890-7492-14	SS 154	99	93
890-7492-15	SS 504	110	94
890-7492-16	SS 398	141 S1+	96
890-7492-17	SS 183	88	75
890-7492-18	SS 200	159 S1+	93
890-7492-19	SS 435	113	104
890-7492-20	SS 477	98	95
890-7492-21	SS 176	193 S1+	104
890-7492-22	SS 138	115	103
890-7492-23	SS 420	95	91
LCS 880-98432/1-A	Lab Control Sample	101	96
LCS 880-98433/1-A	Lab Control Sample	96	103
LCS 880-98434/1-A	Lab Control Sample	107	104
LCS 880-98435/1-A	Lab Control Sample	106	99
LCSD 880-98432/2-A	Lab Control Sample Dup	103	99
LCSD 880-98433/2-A	Lab Control Sample Dup	94	103
LCSD 880-98434/2-A	Lab Control Sample Dup	109	103
LCSD 880-98435/2-A	Lab Control Sample Dup	108	98
MB 880-98432/5-A	Method Blank	112	85
MB 880-98433/5-A	Method Blank	98	96
MB 880-98434/5-A	Method Blank	111	101
MB 880-98435/5-A	Method Blank	92	93
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-1	SS 01	83	86
890-7492-2	SS 20	76	77
890-7492-3	SS 64	75	78
890-7492-3 MS	SS 64	78	76

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Surrogate Summary

Client: CDH Consulting

Job ID: 890-7492-1

Project/Site: CLOSE ENCOUNTER 301 H

SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7492-3 MSD	SS 64	77	76
890-7492-4	SS 80	73	74
890-7492-5	SS 262	70	69 S1-
890-7492-6	SS 320	74	75
890-7492-7	SS 488	75	95
890-7492-8	SS 46	75	81
890-7492-9	SS 107	75	86
890-7492-10	SS 290	85	105
890-7492-11	SS 339	84	121
890-7492-12	SS 495	88	108
890-7492-13	SS 129	84	79
890-7492-13 MS	SS 129	80	81
890-7492-13 MSD	SS 129	79	81
890-7492-14	SS 154	84	120
890-7492-15	SS 504	92	97
890-7492-16	SS 398	85	120
890-7492-17	SS 183	87	77
890-7492-18	SS 200	82	106
890-7492-19	SS 435	77	74
890-7492-20	SS 477	81	66 S1-
890-7492-21	SS 176	88	112
890-7492-22	SS 138	81	78
890-7492-23	SS 420	104	109
890-7492-23 MS	SS 420	92	99
890-7492-23 MSD	SS 420	92	99
LCS 880-98401/2-A	Lab Control Sample	118	102
LCS 880-98402/2-A	Lab Control Sample	121	104
LCS 880-98403/2-A	Lab Control Sample	136 S1+	123
LCS 880-98404/2-A	Lab Control Sample	158 S1+	172 S1+
LCSD 880-98401/3-A	Lab Control Sample Dup	110	95
LCSD 880-98402/3-A	Lab Control Sample Dup	145 S1+	123
LCSD 880-98403/3-A	Lab Control Sample Dup	133 S1+	120
LCSD 880-98404/3-A	Lab Control Sample Dup	166 S1+	175 S1+
MB 880-98401/1-A	Method Blank	81	80
MB 880-98402/1-A	Method Blank	75	75
MB 880-98403/1-A	Method Blank	91	74
MB 880-98404/1-A	Method Blank	93	96
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-98432/5-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:24	12/20/24 11:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:24	12/20/24 11:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	12/20/24 08:24	12/20/24 11:08	1
1,4-Difluorobenzene (Surr)	85		70 - 130	12/20/24 08:24	12/20/24 11:08	1

Lab Sample ID: LCS 880-98432/1-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1137		mg/Kg		114	70 - 130
Ethylbenzene	0.100	0.1107		mg/Kg		111	70 - 130
Toluene	0.100	0.1082		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2221		mg/Kg		111	70 - 130
o-Xylene	0.100	0.1128		mg/Kg		113	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-98432/2-A

Matrix: Solid

Analysis Batch: 98350

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98432

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1182		mg/Kg		118	70 - 130	4	35
Ethylbenzene	0.100	0.1145		mg/Kg		114	70 - 130	3	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2282		mg/Kg		114	70 - 130	3	35
o-Xylene	0.100	0.1165		mg/Kg		117	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98433/5-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:27	12/20/24 11:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:27	12/20/24 11:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	12/20/24 08:27	12/20/24 11:02	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/20/24 08:27	12/20/24 11:02	1

Lab Sample ID: LCS 880-98433/1-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1001		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09410		mg/Kg		94	70 - 130
Toluene	0.100	0.09371		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1885		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09536		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-98433/2-A

Matrix: Solid

Analysis Batch: 98351

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98433

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1048		mg/Kg		105	70 - 130	5	35
Ethylbenzene	0.100	0.09886		mg/Kg		99	70 - 130	5	35
Toluene	0.100	0.09817		mg/Kg		98	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1969		mg/Kg		98	70 - 130	4	35
o-Xylene	0.100	0.09974		mg/Kg		100	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-98434/5-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98434

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:30	12/20/24 11:25	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	111		70 - 130				12/20/24 08:30	12/20/24 11:25	1
1,4-Difluorobenzene (Surr)	101		70 - 130				12/20/24 08:30	12/20/24 11:25	1

Lab Sample ID: LCS 880-98434/1-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits		
		Result	Qualifier						
Benzene	0.100	0.1149		mg/Kg		115	70 - 130		
Ethylbenzene	0.100	0.1100		mg/Kg		110	70 - 130		
Toluene	0.100	0.1116		mg/Kg		112	70 - 130		
m-Xylene & p-Xylene	0.200	0.2234		mg/Kg		112	70 - 130		
o-Xylene	0.100	0.1142		mg/Kg		114	70 - 130		
Surrogate	LCS	LCS	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	107		70 - 130						
1,4-Difluorobenzene (Surr)	104		70 - 130						

Lab Sample ID: LCSD 880-98434/2-A

Matrix: Solid

Analysis Batch: 98352

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98434

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.1162		mg/Kg		116	70 - 130	1	35
Ethylbenzene	0.100	0.1102		mg/Kg		110	70 - 130	0	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2247		mg/Kg		112	70 - 130	1	35
o-Xylene	0.100	0.1148		mg/Kg		115	70 - 130	1	35
Surrogate	LCSD	LCSD	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	109		70 - 130						
1,4-Difluorobenzene (Surr)	103		70 - 130						

Lab Sample ID: MB 880-98435/5-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98435

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:33	12/20/24 11:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:33	12/20/24 11:07	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac		
4-Bromofluorobenzene (Surr)	92		70 - 130	12/20/24 08:33	12/20/24 11:07	1			
1,4-Difluorobenzene (Surr)	93		70 - 130	12/20/24 08:33	12/20/24 11:07	1			

Lab Sample ID: LCS 880-98435/1-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1025		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.1037		mg/Kg		104	70 - 130
Toluene	0.100	0.1077		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2015		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1117		mg/Kg		112	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-98435/2-A

Matrix: Solid

Analysis Batch: 98353

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98435

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1068		mg/Kg		107	70 - 130	4	35
Ethylbenzene	0.100	0.1065		mg/Kg		107	70 - 130	3	35
Toluene	0.100	0.1103		mg/Kg		110	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2041		mg/Kg		102	70 - 130	1	35
o-Xylene	0.100	0.1136		mg/Kg		114	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-98401/1-A

Matrix: Solid

Analysis Batch: 98423

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98401

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:26	12/20/24 00:11	1	

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil	Fac
1-Chlorooctane	81		70 - 130	12/19/24 21:26	12/20/24 00:11	1	
o-Terphenyl	80		70 - 130	12/19/24 21:26	12/20/24 00:11	1	

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98401/2-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98401

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1058		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	960.9		mg/Kg		96	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	118		70 - 130				
o-Terphenyl	102		70 - 130				

Lab Sample ID: LCSD 880-98401/3-A
Matrix: Solid
Analysis Batch: 98423

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98401

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1005		mg/Kg		101	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	903.5		mg/Kg		90	70 - 130	6	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	110		70 - 130						
o-Terphenyl	95		70 - 130						

Lab Sample ID: MB 880-98402/1-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 98402

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:28	12/20/24 00:11	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1-Chlorooctane	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	
o-Terphenyl	75		70 - 130			12/19/24 21:28	12/20/24 00:11	1	

Lab Sample ID: LCS 880-98402/2-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1061		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1028		mg/Kg		103	70 - 130

QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-98402/2-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98402

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: LCSD 880-98402/3-A
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 98402

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1288		mg/Kg		129	70 - 130	19	20
Diesel Range Organics (Over C10-C28)			1000	1231		mg/Kg		123	70 - 130	18	20
Surrogate	LCSD	LCSD									
	%Recovery	Qualifier									
1-Chlorooctane	145	S1+									
o-Terphenyl	123										

Lab Sample ID: 890-7492-3 MS
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: SS 64
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	665.3	F1	mg/Kg		67	70 - 130		
Diesel Range Organics (Over C10-C28)	631	F1	998	1155	F1	mg/Kg		53	70 - 130		
Surrogate	MS	MS									
	%Recovery	Qualifier									
1-Chlorooctane	78										
o-Terphenyl	76										

Lab Sample ID: 890-7492-3 MSD
Matrix: Solid
Analysis Batch: 98425

Client Sample ID: SS 64
Prep Type: Total/NA
Prep Batch: 98402

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	660.4	F1	mg/Kg		66	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	631	F1	998	1141	F1	mg/Kg		51	70 - 130	1	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier									
1-Chlorooctane	77										
o-Terphenyl	76										

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-98403/1-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98403

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:30	12/20/24 09:12	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				12/19/24 21:30	12/20/24 09:12	1
o-Terphenyl	74		70 - 130				12/19/24 21:30	12/20/24 09:12	1

Lab Sample ID: LCS 880-98403/2-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1333	*+	mg/Kg		133	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1178		mg/Kg		118	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	136	S1+	70 - 130				
o-Terphenyl	123		70 - 130				

Lab Sample ID: LCSD 880-98403/3-A

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1180		mg/Kg		118	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	1000	1166		mg/Kg		117	70 - 130	1	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	133	S1+	70 - 130						
o-Terphenyl	120		70 - 130						

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	997	729.6		mg/Kg		73	70 - 130
Diesel Range Organics (Over C10-C28)	538	F1	997	1207	F1	mg/Kg		67	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-7492-13 MS

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	80		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: 890-7492-13 MSD

Matrix: Solid

Analysis Batch: 98427

Client Sample ID: SS 129

Prep Type: Total/NA

Prep Batch: 98403

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	997	855.4		mg/Kg		86	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	538	F1	997	1282		mg/Kg		75	70 - 130	6	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	79		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: MB 880-98404/1-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98404

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	93		70 - 130	12/19/24 21:32	12/20/24 09:12	1			
o-Terphenyl	96		70 - 130	12/19/24 21:32	12/20/24 09:12	1			

Lab Sample ID: LCS 880-98404/2-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1398	*+	mg/Kg		140	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1468	*+	mg/Kg		147	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	158	S1+	70 - 130
o-Terphenyl	172	S1+	70 - 130

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-98404/3-A

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1465	*+	mg/Kg		147	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	1590	*+	mg/Kg		159	70 - 130	8	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	166	S1+	70 - 130						
o-Terphenyl	175	S1+	70 - 130						

Lab Sample ID: 890-7492-23 MS

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: SS 420

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	781.1		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	867.3		mg/Kg		84	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Lab Sample ID: 890-7492-23 MSD

Matrix: Solid

Analysis Batch: 98430

Client Sample ID: SS 420

Prep Type: Total/NA

Prep Batch: 98404

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	999	804.1		mg/Kg		80	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	863.1		mg/Kg		84	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	99		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-98374/1-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 08:34	1

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-98374/2-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.6		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-98374/3-A

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	245.0		mg/Kg		98	90 - 110	2	20

Lab Sample ID: 890-7492-2 MS

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1300	F1	1250	3073	F1	mg/Kg		142	90 - 110

Lab Sample ID: 890-7492-2 MSD

Matrix: Solid

Analysis Batch: 98376

Client Sample ID: SS 20

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1300	F1	1250	3070	F1	mg/Kg		142	90 - 110	0	20

Lab Sample ID: MB 880-98373/1-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/20/24 03:00	1

Lab Sample ID: LCS 880-98373/2-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	258.6		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-98373/3-A

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	257.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-7492-20 MS

Matrix: Solid

Analysis Batch: 98377

Client Sample ID: SS 477

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	126		257	387.5		mg/Kg		102	90 - 110

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QC Sample Results

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-7492-20 MSD							Client Sample ID: SS 477					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 98377												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	126		248	372.8		mg/Kg		100	90 - 110	4	20	

QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA

Analysis Batch: 98350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-1	SS 01	Total/NA	Solid	8021B	98432
890-7492-2	SS 20	Total/NA	Solid	8021B	98432
890-7492-3	SS 64	Total/NA	Solid	8021B	98432
890-7492-4	SS 80	Total/NA	Solid	8021B	98432
890-7492-5	SS 262	Total/NA	Solid	8021B	98432
890-7492-6	SS 320	Total/NA	Solid	8021B	98432
MB 880-98432/5-A	Method Blank	Total/NA	Solid	8021B	98432
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	8021B	98432
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98432

Analysis Batch: 98351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	8021B	98433
890-7492-8	SS 46	Total/NA	Solid	8021B	98433
890-7492-9	SS 107	Total/NA	Solid	8021B	98433
890-7492-10	SS 290	Total/NA	Solid	8021B	98433
890-7492-11	SS 339	Total/NA	Solid	8021B	98433
890-7492-12	SS 495	Total/NA	Solid	8021B	98433
MB 880-98433/5-A	Method Blank	Total/NA	Solid	8021B	98433
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	8021B	98433
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98433

Analysis Batch: 98352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	8021B	98434
890-7492-20	SS 477	Total/NA	Solid	8021B	98434
890-7492-21	SS 176	Total/NA	Solid	8021B	98434
890-7492-22	SS 138	Total/NA	Solid	8021B	98434
890-7492-23	SS 420	Total/NA	Solid	8021B	98434
MB 880-98434/5-A	Method Blank	Total/NA	Solid	8021B	98434
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	8021B	98434
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98434

Analysis Batch: 98353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8021B	98435
890-7492-14	SS 154	Total/NA	Solid	8021B	98435
890-7492-15	SS 504	Total/NA	Solid	8021B	98435
890-7492-16	SS 398	Total/NA	Solid	8021B	98435
890-7492-17	SS 183	Total/NA	Solid	8021B	98435
890-7492-18	SS 200	Total/NA	Solid	8021B	98435
MB 880-98435/5-A	Method Blank	Total/NA	Solid	8021B	98435
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	8021B	98435
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98435

Prep Batch: 98432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	5035	
890-7492-2	SS 20	Total/NA	Solid	5035	
890-7492-3	SS 64	Total/NA	Solid	5035	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Prep Batch: 98432 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-4	SS 80	Total/NA	Solid	5035	
890-7492-5	SS 262	Total/NA	Solid	5035	
890-7492-6	SS 320	Total/NA	Solid	5035	
MB 880-98432/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98432/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98432/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-7	SS 488	Total/NA	Solid	5035	
890-7492-8	SS 46	Total/NA	Solid	5035	
890-7492-9	SS 107	Total/NA	Solid	5035	
890-7492-10	SS 290	Total/NA	Solid	5035	
890-7492-11	SS 339	Total/NA	Solid	5035	
890-7492-12	SS 495	Total/NA	Solid	5035	
MB 880-98433/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98433/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98433/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-19	SS 435	Total/NA	Solid	5035	
890-7492-20	SS 477	Total/NA	Solid	5035	
890-7492-21	SS 176	Total/NA	Solid	5035	
890-7492-22	SS 138	Total/NA	Solid	5035	
890-7492-23	SS 420	Total/NA	Solid	5035	
MB 880-98434/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98434/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98434/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 98435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	5035	
890-7492-14	SS 154	Total/NA	Solid	5035	
890-7492-15	SS 504	Total/NA	Solid	5035	
890-7492-16	SS 398	Total/NA	Solid	5035	
890-7492-17	SS 183	Total/NA	Solid	5035	
890-7492-18	SS 200	Total/NA	Solid	5035	
MB 880-98435/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98435/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98435/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 98498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	Total BTEX	
890-7492-2	SS 20	Total/NA	Solid	Total BTEX	
890-7492-3	SS 64	Total/NA	Solid	Total BTEX	
890-7492-4	SS 80	Total/NA	Solid	Total BTEX	
890-7492-5	SS 262	Total/NA	Solid	Total BTEX	
890-7492-6	SS 320	Total/NA	Solid	Total BTEX	
890-7492-7	SS 488	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC VOA (Continued)

Analysis Batch: 98498 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-8	SS 46	Total/NA	Solid	Total BTEX	
890-7492-9	SS 107	Total/NA	Solid	Total BTEX	
890-7492-10	SS 290	Total/NA	Solid	Total BTEX	
890-7492-11	SS 339	Total/NA	Solid	Total BTEX	
890-7492-12	SS 495	Total/NA	Solid	Total BTEX	
890-7492-13	SS 129	Total/NA	Solid	Total BTEX	
890-7492-14	SS 154	Total/NA	Solid	Total BTEX	
890-7492-15	SS 504	Total/NA	Solid	Total BTEX	
890-7492-16	SS 398	Total/NA	Solid	Total BTEX	
890-7492-17	SS 183	Total/NA	Solid	Total BTEX	
890-7492-18	SS 200	Total/NA	Solid	Total BTEX	
890-7492-19	SS 435	Total/NA	Solid	Total BTEX	
890-7492-20	SS 477	Total/NA	Solid	Total BTEX	
890-7492-21	SS 176	Total/NA	Solid	Total BTEX	
890-7492-22	SS 138	Total/NA	Solid	Total BTEX	
890-7492-23	SS 420	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 98401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015NM Prep	
890-7492-2	SS 20	Total/NA	Solid	8015NM Prep	
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 98402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-4	SS 80	Total/NA	Solid	8015NM Prep	
890-7492-5	SS 262	Total/NA	Solid	8015NM Prep	
890-7492-6	SS 320	Total/NA	Solid	8015NM Prep	
890-7492-7	SS 488	Total/NA	Solid	8015NM Prep	
890-7492-8	SS 46	Total/NA	Solid	8015NM Prep	
890-7492-9	SS 107	Total/NA	Solid	8015NM Prep	
890-7492-10	SS 290	Total/NA	Solid	8015NM Prep	
890-7492-11	SS 339	Total/NA	Solid	8015NM Prep	
890-7492-12	SS 495	Total/NA	Solid	8015NM Prep	
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-3 MS	SS 64	Total/NA	Solid	8015NM Prep	
890-7492-3 MSD	SS 64	Total/NA	Solid	8015NM Prep	

Prep Batch: 98403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-14	SS 154	Total/NA	Solid	8015NM Prep	
890-7492-15	SS 504	Total/NA	Solid	8015NM Prep	
890-7492-16	SS 398	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Prep Batch: 98403 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-17	SS 183	Total/NA	Solid	8015NM Prep	
890-7492-18	SS 200	Total/NA	Solid	8015NM Prep	
890-7492-19	SS 435	Total/NA	Solid	8015NM Prep	
890-7492-20	SS 477	Total/NA	Solid	8015NM Prep	
890-7492-21	SS 176	Total/NA	Solid	8015NM Prep	
890-7492-22	SS 138	Total/NA	Solid	8015NM Prep	
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-13 MS	SS 129	Total/NA	Solid	8015NM Prep	
890-7492-13 MSD	SS 129	Total/NA	Solid	8015NM Prep	

Prep Batch: 98404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015NM Prep	
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7492-23 MS	SS 420	Total/NA	Solid	8015NM Prep	
890-7492-23 MSD	SS 420	Total/NA	Solid	8015NM Prep	

Analysis Batch: 98423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015B NM	98401
890-7492-2	SS 20	Total/NA	Solid	8015B NM	98401
MB 880-98401/1-A	Method Blank	Total/NA	Solid	8015B NM	98401
LCS 880-98401/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98401
LCSD 880-98401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98401

Analysis Batch: 98425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-3	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-4	SS 80	Total/NA	Solid	8015B NM	98402
890-7492-5	SS 262	Total/NA	Solid	8015B NM	98402
890-7492-6	SS 320	Total/NA	Solid	8015B NM	98402
890-7492-7	SS 488	Total/NA	Solid	8015B NM	98402
890-7492-8	SS 46	Total/NA	Solid	8015B NM	98402
890-7492-9	SS 107	Total/NA	Solid	8015B NM	98402
890-7492-10	SS 290	Total/NA	Solid	8015B NM	98402
890-7492-11	SS 339	Total/NA	Solid	8015B NM	98402
890-7492-12	SS 495	Total/NA	Solid	8015B NM	98402
MB 880-98402/1-A	Method Blank	Total/NA	Solid	8015B NM	98402
LCS 880-98402/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98402
LCSD 880-98402/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98402
890-7492-3 MS	SS 64	Total/NA	Solid	8015B NM	98402
890-7492-3 MSD	SS 64	Total/NA	Solid	8015B NM	98402

Analysis Batch: 98427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-13	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-14	SS 154	Total/NA	Solid	8015B NM	98403

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

GC Semi VOA (Continued)

Analysis Batch: 98427 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-15	SS 504	Total/NA	Solid	8015B NM	98403
890-7492-16	SS 398	Total/NA	Solid	8015B NM	98403
890-7492-17	SS 183	Total/NA	Solid	8015B NM	98403
890-7492-18	SS 200	Total/NA	Solid	8015B NM	98403
890-7492-19	SS 435	Total/NA	Solid	8015B NM	98403
890-7492-20	SS 477	Total/NA	Solid	8015B NM	98403
890-7492-21	SS 176	Total/NA	Solid	8015B NM	98403
890-7492-22	SS 138	Total/NA	Solid	8015B NM	98403
MB 880-98403/1-A	Method Blank	Total/NA	Solid	8015B NM	98403
LCS 880-98403/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98403
LCSD 880-98403/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98403
890-7492-13 MS	SS 129	Total/NA	Solid	8015B NM	98403
890-7492-13 MSD	SS 129	Total/NA	Solid	8015B NM	98403

Analysis Batch: 98430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-23	SS 420	Total/NA	Solid	8015B NM	98404
MB 880-98404/1-A	Method Blank	Total/NA	Solid	8015B NM	98404
LCS 880-98404/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98404
LCSD 880-98404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98404
890-7492-23 MS	SS 420	Total/NA	Solid	8015B NM	98404
890-7492-23 MSD	SS 420	Total/NA	Solid	8015B NM	98404

Analysis Batch: 98523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Total/NA	Solid	8015 NM	
890-7492-2	SS 20	Total/NA	Solid	8015 NM	
890-7492-3	SS 64	Total/NA	Solid	8015 NM	
890-7492-4	SS 80	Total/NA	Solid	8015 NM	
890-7492-5	SS 262	Total/NA	Solid	8015 NM	
890-7492-6	SS 320	Total/NA	Solid	8015 NM	
890-7492-7	SS 488	Total/NA	Solid	8015 NM	
890-7492-8	SS 46	Total/NA	Solid	8015 NM	
890-7492-9	SS 107	Total/NA	Solid	8015 NM	
890-7492-10	SS 290	Total/NA	Solid	8015 NM	
890-7492-11	SS 339	Total/NA	Solid	8015 NM	
890-7492-12	SS 495	Total/NA	Solid	8015 NM	
890-7492-13	SS 129	Total/NA	Solid	8015 NM	
890-7492-14	SS 154	Total/NA	Solid	8015 NM	
890-7492-15	SS 504	Total/NA	Solid	8015 NM	
890-7492-16	SS 398	Total/NA	Solid	8015 NM	
890-7492-17	SS 183	Total/NA	Solid	8015 NM	
890-7492-18	SS 200	Total/NA	Solid	8015 NM	
890-7492-19	SS 435	Total/NA	Solid	8015 NM	
890-7492-20	SS 477	Total/NA	Solid	8015 NM	
890-7492-21	SS 176	Total/NA	Solid	8015 NM	
890-7492-22	SS 138	Total/NA	Solid	8015 NM	
890-7492-23	SS 420	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC

Leach Batch: 98373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	DI Leach	
890-7492-13	SS 129	Soluble	Solid	DI Leach	
890-7492-14	SS 154	Soluble	Solid	DI Leach	
890-7492-15	SS 504	Soluble	Solid	DI Leach	
890-7492-16	SS 398	Soluble	Solid	DI Leach	
890-7492-17	SS 183	Soluble	Solid	DI Leach	
890-7492-18	SS 200	Soluble	Solid	DI Leach	
890-7492-19	SS 435	Soluble	Solid	DI Leach	
890-7492-20	SS 477	Soluble	Solid	DI Leach	
890-7492-21	SS 176	Soluble	Solid	DI Leach	
890-7492-22	SS 138	Soluble	Solid	DI Leach	
890-7492-23	SS 420	Soluble	Solid	DI Leach	
MB 880-98373/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-20 MS	SS 477	Soluble	Solid	DI Leach	
890-7492-20 MSD	SS 477	Soluble	Solid	DI Leach	

Leach Batch: 98374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	DI Leach	
890-7492-2	SS 20	Soluble	Solid	DI Leach	
890-7492-3	SS 64	Soluble	Solid	DI Leach	
890-7492-4	SS 80	Soluble	Solid	DI Leach	
890-7492-5	SS 262	Soluble	Solid	DI Leach	
890-7492-6	SS 320	Soluble	Solid	DI Leach	
890-7492-7	SS 488	Soluble	Solid	DI Leach	
890-7492-8	SS 46	Soluble	Solid	DI Leach	
890-7492-9	SS 107	Soluble	Solid	DI Leach	
890-7492-10	SS 290	Soluble	Solid	DI Leach	
890-7492-11	SS 339	Soluble	Solid	DI Leach	
MB 880-98374/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7492-2 MS	SS 20	Soluble	Solid	DI Leach	
890-7492-2 MSD	SS 20	Soluble	Solid	DI Leach	

Analysis Batch: 98376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-1	SS 01	Soluble	Solid	300.0	98374
890-7492-2	SS 20	Soluble	Solid	300.0	98374
890-7492-3	SS 64	Soluble	Solid	300.0	98374
890-7492-4	SS 80	Soluble	Solid	300.0	98374
890-7492-5	SS 262	Soluble	Solid	300.0	98374
890-7492-6	SS 320	Soluble	Solid	300.0	98374
890-7492-7	SS 488	Soluble	Solid	300.0	98374
890-7492-8	SS 46	Soluble	Solid	300.0	98374
890-7492-9	SS 107	Soluble	Solid	300.0	98374
890-7492-10	SS 290	Soluble	Solid	300.0	98374
890-7492-11	SS 339	Soluble	Solid	300.0	98374
MB 880-98374/1-A	Method Blank	Soluble	Solid	300.0	98374

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QC Association Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

HPLC/IC (Continued)

Analysis Batch: 98376 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-98374/2-A	Lab Control Sample	Soluble	Solid	300.0	98374
LCSD 880-98374/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98374
890-7492-2 MS	SS 20	Soluble	Solid	300.0	98374
890-7492-2 MSD	SS 20	Soluble	Solid	300.0	98374

Analysis Batch: 98377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7492-12	SS 495	Soluble	Solid	300.0	98373
890-7492-13	SS 129	Soluble	Solid	300.0	98373
890-7492-14	SS 154	Soluble	Solid	300.0	98373
890-7492-15	SS 504	Soluble	Solid	300.0	98373
890-7492-16	SS 398	Soluble	Solid	300.0	98373
890-7492-17	SS 183	Soluble	Solid	300.0	98373
890-7492-18	SS 200	Soluble	Solid	300.0	98373
890-7492-19	SS 435	Soluble	Solid	300.0	98373
890-7492-20	SS 477	Soluble	Solid	300.0	98373
890-7492-21	SS 176	Soluble	Solid	300.0	98373
890-7492-22	SS 138	Soluble	Solid	300.0	98373
890-7492-23	SS 420	Soluble	Solid	300.0	98373
MB 880-98373/1-A	Method Blank	Soluble	Solid	300.0	98373
LCS 880-98373/2-A	Lab Control Sample	Soluble	Solid	300.0	98373
LCSD 880-98373/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98373
890-7492-20 MS	SS 477	Soluble	Solid	300.0	98373
890-7492-20 MSD	SS 477	Soluble	Solid	300.0	98373

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 01
Date Collected: 12/19/24 08:20
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 11:51
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		5	98350	MNR	EET MID	12/20/24 13:55
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:55
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		20	98376	CH	EET MID	12/20/24 10:49

Client Sample ID: SS 20
Date Collected: 12/19/24 08:36
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:15
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:15
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98401	EL	EET MID	12/19/24 21:26
Total/NA	Analysis	8015B NM		1	98423	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 10:58

Client Sample ID: SS 64
Date Collected: 12/19/24 08:47
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		20	98350	MNR	EET MID	12/20/24 12:33
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:33
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 09:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 09:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:54

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 80

Date Collected: 12/19/24 08:53

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		10	98350	MNR	EET MID	12/20/24 14:36
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:36
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:24
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:24
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:30

Client Sample ID: SS 262

Date Collected: 12/19/24 08:59

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		50	98350	MNR	EET MID	12/20/24 13:14
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:14
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:38
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:38
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 11:48

Client Sample ID: SS 320

Date Collected: 12/19/24 09:04

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98432	MNR	EET MID	12/20/24 08:24
Total/NA	Analysis	8021B		25	98350	MNR	EET MID	12/20/24 13:34
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:34
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 10:53
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 10:53
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 11:59

Client Sample ID: SS 488

Date Collected: 12/19/24 09:12

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		100	98351	MNR	EET MID	12/20/24 12:24
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:24

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 488
Date Collected: 12/19/24 09:12
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:08
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:08
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:06

Client Sample ID: SS 46
Date Collected: 12/19/24 10:15
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 12:45
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:45
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:25
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:25
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:11

Client Sample ID: SS 107
Date Collected: 12/19/24 10:22
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:05
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:05
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:40
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:40
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:17

Client Sample ID: SS 290
Date Collected: 12/19/24 10:30
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:25
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:25
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:54
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 11:54

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 290
Date Collected: 12/19/24 10:30
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		10	98376	CH	EET MID	12/20/24 12:23

Client Sample ID: SS 339
Date Collected: 12/19/24 10:37
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 13:46
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:46
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:09
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:09
Soluble	Leach	DI Leach			98374	SMC	EET MID	12/19/24 18:26
Soluble	Analysis	300.0		5	98376	CH	EET MID	12/20/24 12:29

Client Sample ID: SS 495
Date Collected: 12/19/24 10:44
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98433	MNR	EET MID	12/20/24 08:27
Total/NA	Analysis	8021B		50	98351	MNR	EET MID	12/20/24 14:06
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 14:06
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:23
Total/NA	Prep	8015NM Prep			98402	EL	EET MID	12/19/24 21:28
Total/NA	Analysis	8015B NM		1	98425	TKC	EET MID	12/20/24 12:23
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:36

Client Sample ID: SS 129
Date Collected: 12/19/24 11:07
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 11:49
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 11:49
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:43

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 154

Date Collected: 12/19/24 11:19

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:10
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:10
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:00
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:00
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 08:50

Client Sample ID: SS 504

Date Collected: 12/19/24 11:40

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		10	98353	MNR	EET MID	12/20/24 13:32
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:32
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:15
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:15
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:12

Client Sample ID: SS 398

Date Collected: 12/19/24 11:27

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:30
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:30
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:31
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:31
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:19

Client Sample ID: SS 183

Date Collected: 12/19/24 11:44

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 12:51
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:51

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Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 183

Date Collected: 12/19/24 11:44

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 12:47
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 12:47
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:26

Client Sample ID: SS 200

Date Collected: 12/19/24 11:49

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98435	MNR	EET MID	12/20/24 08:33
Total/NA	Analysis	8021B		1	98353	MNR	EET MID	12/20/24 13:11
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:11
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:03
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:03
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:33

Client Sample ID: SS 435

Date Collected: 12/19/24 11:53

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-19

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:07
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:07
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:20
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:20
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 09:40

Client Sample ID: SS 477

Date Collected: 12/19/24 12:02

Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:27
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:27
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:36
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:36

Eurofins Carlsbad

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Client Sample ID: SS 477
Date Collected: 12/19/24 12:02
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 09:48

Client Sample ID: SS 176
Date Collected: 12/19/24 12:07
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		10	98352	MNR	EET MID	12/20/24 13:28
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:28
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 13:52
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 13:52
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:09

Client Sample ID: SS 138
Date Collected: 12/19/24 12:17
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 12:48
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 12:48
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 14:07
Total/NA	Prep	8015NM Prep			98403	EL	EET MID	12/19/24 21:30
Total/NA	Analysis	8015B NM		1	98427	TKC	EET MID	12/20/24 14:07
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		5	98377	CH	EET MID	12/20/24 10:16

Client Sample ID: SS 420
Date Collected: 12/19/24 12:22
Date Received: 12/19/24 15:45

Lab Sample ID: 890-7492-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			98434	MNR	EET MID	12/20/24 08:30
Total/NA	Analysis	8021B		1	98352	MNR	EET MID	12/20/24 13:08
Total/NA	Analysis	Total BTEX		1	98498	SM	EET MID	12/20/24 13:08
Total/NA	Analysis	8015 NM		1	98523	SM	EET MID	12/20/24 11:11
Total/NA	Prep	8015NM Prep			98404	EL	EET MID	12/19/24 21:32
Total/NA	Analysis	8015B NM		1	98430	TKC	EET MID	12/20/24 11:11
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:22
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:38

Lab Chronicle

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: CDH Consulting
Project/Site: CLOSE ENCOUNTER 301 H

Job ID: 890-7492-1
SDG: BUCKEYE

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7492-1	SS 01	Solid	12/19/24 08:20	12/19/24 15:45	- SURFACE
890-7492-2	SS 20	Solid	12/19/24 08:36	12/19/24 15:45	- SURFACE
890-7492-3	SS 64	Solid	12/19/24 08:47	12/19/24 15:45	- SURFACE
890-7492-4	SS 80	Solid	12/19/24 08:53	12/19/24 15:45	- SURFACE
890-7492-5	SS 262	Solid	12/19/24 08:59	12/19/24 15:45	- SURFACE
890-7492-6	SS 320	Solid	12/19/24 09:04	12/19/24 15:45	- SURFACE
890-7492-7	SS 488	Solid	12/19/24 09:12	12/19/24 15:45	- SURFACE
890-7492-8	SS 46	Solid	12/19/24 10:15	12/19/24 15:45	- SURFACE
890-7492-9	SS 107	Solid	12/19/24 10:22	12/19/24 15:45	- SURFACE
890-7492-10	SS 290	Solid	12/19/24 10:30	12/19/24 15:45	- SURFACE
890-7492-11	SS 339	Solid	12/19/24 10:37	12/19/24 15:45	- SURFACE
890-7492-12	SS 495	Solid	12/19/24 10:44	12/19/24 15:45	- SURFACE
890-7492-13	SS 129	Solid	12/19/24 11:07	12/19/24 15:45	- SURFACE
890-7492-14	SS 154	Solid	12/19/24 11:19	12/19/24 15:45	- SURFACE
890-7492-15	SS 504	Solid	12/19/24 11:40	12/19/24 15:45	- SURFACE
890-7492-16	SS 398	Solid	12/19/24 11:27	12/19/24 15:45	- SURFACE
890-7492-17	SS 183	Solid	12/19/24 11:44	12/19/24 15:45	- SURFACE
890-7492-18	SS 200	Solid	12/19/24 11:49	12/19/24 15:45	- SURFACE
890-7492-19	SS 435	Solid	12/19/24 11:53	12/19/24 15:45	- SURFACE
890-7492-20	SS 477	Solid	12/19/24 12:02	12/19/24 15:45	- SURFACE
890-7492-21	SS 176	Solid	12/19/24 12:07	12/19/24 15:45	- SURFACE
890-7492-22	SS 138	Solid	12/19/24 12:17	12/19/24 15:45	- SURFACE
890-7492-23	SS 420	Solid	12/19/24 12:22	12/19/24 15:45	- SURFACE

Chain of Custody



Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

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Work Order Comments

Program: ☐ UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project: ☐ Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Report: ☐ Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: ☐ EDD ☐ ADAPT ☐ Other:

Project Manager: Michael Wicker

Company Name: Cotto

Address:

City, State ZIP: 1616-970-8459

Phone:

Email: mwicker@cottoconsult.com

ANALYSIS REQUEST

Project Name: Close Encounter 30114

Project Number: Buckeye, NM

Project Location: Dakotah Cueto

Sampler's Name:

PO #:

SAMPLE RECEIPT

Samples Received Intact: ☒ Yes ☐ No

Cooler Custody Seals: ☒ Yes ☐ No

Sample Custody Seals: ☒ Yes ☐ No

Total Containers: 5

Temp Blank: ☒ Yes ☐ No

Wet Ice: ☒ Yes ☐ No

Thermometer ID: -0.2

Correction Factor: 5.8

Temperature Reading: 5.0

Corrected Temperature: 5.0

Preservative Codes

None: ☐ NO ☐ DI Water: ☐ H₂O

Cool: ☐ Cool ☐ MeOH: ☐ Me

HCL: ☐ HC ☐ HNO₃

H₂SO₄: ☐ H₂ ☐ NaOH: ☐ Na

H₃PO₄: ☐ HP ☐ NaHSO₄: ☐ NABIS

Na₂S₂O₃: ☐ NaSO₃

Zn Acetate+NaOH: ☐ Zn

NaOH+Ascorbic Acid: ☐ SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Pres. Code	Parameters
SS01	S	12-19-24	08:20	Surf	C	1		
SS20	S		08:36		C	1		
SS64	S		08:47		C	1		
SS80	S		08:53		C	1		
SS262	S		08:59		C	1		
SS320	S		09:04		C	1		
SS488	S		09:12		C	1		
SS46	S		10:15		C	1		
SS107	S		10:22		C	1		
SS290	S		10:30		C	1		

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>Dakotah Cueto</u>	<u>Brown</u>	<u>12/19 1545</u>			
3		4			
5		6			

Revised Date: 06/25/2020 Rev. 2020.2

Chain of Custody



Environment Testing

Work Order No:

Page 2 of 3

Little Rock, AR (501) 224-5060

Project Manager: Michael Wicker						Bill to: (if different)						Company Name: CDT Consulting						Work-Order Comments:					
Company Name: CDT						Company Name:						Address:						Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐					
Address:						City, State ZIP:						City, State ZIP:						State of Project:					
Phone: bell-970-8459						Email: mwicker@cdtconsult.com						Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐						Deliverables: EDD ☐ ADAPT ☐ Other:					
Project Name: Close Encounters 3014						Turn Around						ANALYSIS REQUEST						Preservative Codes					
Project Number:						☐ Routine ☒ Rush												None: NO DI Water: H ₂ O					
Project Location: Buckeye, NM						Due Date: 12-20-2024												Cool: Cool MeOH: Me					
Sampler's Name: Dakotaiah Cueto						TAT starts the day received by the lab, if received by 4:30pm												HCL: HC HNO ₃					
PO #:																		H ₂ SO ₄ : H ₂ NaOH: Na					
SAMPLE RECEIPT						Temp Blank: Yes No Wet Ice: Yes No												H ₃ PO ₄ : HP					
Samples Received Intact: Yes No Thermometer ID:																		NaHSO ₄ : NABIS					
Cooler Custody Seals: Yes No N/A Correction Factor:																		Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Seals: Yes No N/A Temperature Reading:																		Zn Acetate+NaOH: Zn					
Total Containers:						Corrected Temperature:												NaOH+Ascorbic Acid: SAPC					
Sample Identification						Matrix		Date Sampled		Time Sampled		Depth		Grab/Comp		# of Cont		Sample Comments					
SS339						S		12/19/2024		10:37		Surf		C		1							
SS495						S		{		10:44		{		C		1							
SS129						S		{		11:07		{		C		1							
SS154						S		{		11:19		{		C		1							
SS504						S		{		11:40		{		C		1							
SS398						S		{		11:27		{		C		1							
SS183						S		{		11:44		{		C		1							
SS200						S		{		11:49		{		C		1							
SS435						S		{		11:53		{		C		1							
SS477						S		{		12:02		{		C		1							
Total 200.7 / 6010						200.8 / 6020:						8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn											
Circle Method(s) and Metal(s) to be analyzed						ICLIP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U						Ha: 1631 / 245.1 / 7470 / 7471											

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	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	<i>Danesh Veto</i>			2		
3				4		
5				6		

Revised Date: 08/25/2020 Rev. 2020 2



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
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El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 382-7550, Carlsbad, NM (575) 988-3199
Little Rock, AR (501) 224-5060

Environment Testing

Work Order No:

Page 3 of 3

[illegible]

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Source: Eurofins Carlsbad

List Number: 1

Creator: Bruns, Shannon

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7492-1

SDG Number: BUCKEYE

Login Number: 7492

List Source: Eurofins Midland

List Number: 2

List Creation: 12/19/24 09:21 PM

Creator: Laing, Edmundo

Question	Answer	Comment
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time (excluding tests with immediate HTs)		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").		

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 441203

QUESTIONS

Operator: LARIO OIL & GAS CO 260 N. Josephine St Denver, CO 80206	OGRID: 13089
	Action Number: 441203
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2434838184
Incident Name	NAPP2434838184 CLOSE ENCOUNTERS STATE COM 301H @ 30-025-52945
Incident Type	Blow Out
Incident Status	Remediation Plan Received
Incident Well	[30-025-52945] CLOSE ENCOUNTERS STATE COM #301H

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	Close Encounters State Com 301H
Date Release Discovered	12/12/2024
Surface Owner	State

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Blow Out
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Blow Out Well Crude Oil Released: 1,180 BBL (Unknown Released Amount) Recovered: 1,062 BBL Lost: 118 BBL.
Produced Water Released (bbls) Details	Cause: Blow Out Well Produced Water Released: 10,620 BBL (Unknown Released Amount) Recovered: 9,558 BBL Lost: 1,062 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Cause: Blow Out Well Natural Gas Vented Released: 7,574 MCF Recovered: 0 MCF Lost: 7,574 MCF.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	During coiled tubing rig up operations, the BOP fell from the forklift striking the well head casing valve. Damage to the casing valve resulted in a loss of well control and a release. Wild Well Control was on-site to regain well control and stop the release. The well was under control and the release stopped on 12/15/24 at approximately 11:34 MST.

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QUESTIONS, Page 2

Action 441203

QUESTIONS (continued)

Operator: LARIO OIL & GAS CO 260 N. Josephine St Denver, CO 80206	OGRID: 13089
	Action Number: 441203
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more; (3) an unauthorized release of gases exceeding 500 MCF.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Michael Wicker Title: Project Manager Email: mwicker@cdhconsult.com Date: 03/11/2025
--	---

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Oil Conservation Division
1220 S. St Francis Dr.
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QUESTIONS, Page 3

Action 441203

QUESTIONS (continued)

Operator: LARIO OIL & GAS CO 260 N. Josephine St Denver, CO 80206	OGRID: 13089
	Action Number: 441203
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Zero feet, overlying, or within area
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1000 (ft.) and ½ (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 500 and 1000 (ft.)
Any other fresh water well or spring	Between 200 and 300 (ft.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Zero feet, overlying, or within area
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	78300
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	6600
GRO+DRO (EPA SW-846 Method 8015M)	6600
BTEX (EPA SW-846 Method 8021B or 8260B)	29.3
Benzene (EPA SW-846 Method 8021B or 8260B)	1.1
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	12/12/2024
On what date will (or did) the final sampling or liner inspection occur	05/31/2025
On what date will (or was) the remediation complete(d)	05/31/2025
What is the estimated surface area (in square feet) that will be reclaimed	214500
What is the estimated volume (in cubic yards) that will be reclaimed	32000
What is the estimated surface area (in square feet) that will be remediated	390000
What is the estimated volume (in cubic yards) that will be remediated	48000
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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1220 S. St Francis Dr.
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QUESTIONS, Page 4

Action 441203

QUESTIONS (continued)

Operator: LARIO OIL & GAS CO 260 N. Josephine St Denver, CO 80206	OGRID: 13089
	Action Number: 441203
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	R360 ARTESIA LLC LANDFARM [FEEM0112340644]
OR which OCD approved well (API) will be used for off-site disposal	30-025-37122 SOUTH VACUUM #274
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Yes
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	Yes
Other Non-listed Remedial Process. Please specify	Lario is currently in the process of simultaneously delineating and remediating chloride- and total petroleum hydrocarbons (TPH)-impacted soil via excavation. All chloride, TPH, and benzene, toluene, ethylbenzene, and total xylenes (BTEX) exceedances will be removed and hauled offsite for disposal. Within the sensitive environment (Iron House Draw), all TPH detections below the standard (100 milligrams per kilo gram [mg/kg]) will be treated with a biostimulation additive prior to backfilling to provide additional protection. If exceedances are limited to the surface (less than 3-inches deep) within the overspray area, a biostimulation additive will be applied prior to removing the impacted soil and destroying existing plant species/soil stability. Follow-up performance sampling will be completed on a quarterly basis to ensure biostimulation additive success. Soil will only be excavated if the biostimulation additive is not successful after two rounds of quarterly sampling. If soil is excavated, confirmation soil samples will be collected at the sample frequency discussed above.
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Michael Wicker Title: Project Manager Email: mwicker@cdhconsult.com Date: 03/11/2025
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS, Page 5

Action 441203

QUESTIONS (continued)

Operator: LARIO OIL & GAS CO 260 N. Josephine St Denver, CO 80206	OGRID: 13089
	Action Number: 441203
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 441203

QUESTIONS (continued)

Operator: LARIO OIL & GAS CO 260 N. Josephine St Denver, CO 80206	OGRID: 13089
	Action Number: 441203
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	442857
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/24/2025
What was the (estimated) number of samples that were to be gathered	30
What was the sampling surface area in square feet	8000

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	No
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Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 441203

CONDITIONS

Operator: LARIO OIL & GAS CO 260 N. Josephine St Denver, CO 80206	OGRID: 13089
	Action Number: 441203
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
bhall	Remediation plan conditionally approved.	3/19/2025
bhall	OCD approves the dig and haul remediation plan for impacted areas located on the well pad and Iron House Draw and threatened points of diversion.	3/19/2025
bhall	All contamination must be delineated and remediated to the most stringent closure criteria found on Table I of 19.15.29 NMAC.	3/19/2025
bhall	OCD approves the use of the proposed biostimulation additive prior to backfilling within the sensitive environment (Iron House Draw) as long as all TPH detections are below the standard (100 milligrams per kilogram [mg/kg]) and chloride concentrations are below the closure criteria of 600 mg/kg.	3/19/2025
bhall	OCD is requiring the area "affected by overspray during the release" be fully delineated, both horizontally and vertically, to the most stringent closure criteria found on Table I of 19.15.29 NMAC prior to the application of the proposed biostimulation additive. If chloride contamination is found above the applicable closure criteria, the proposed biostimulation additive CANNOT be applied and the contamination must be excavated and disposed of. If TPH contamination is found at deeper intervals that the proposed "surface" (greater than 3-inches deep), the contamination must be excavated and disposed of.	3/19/2025
bhall	At this time, OCD is requiring 5-point composite samples representative of no more than 400 square feet be collected from the surface of the "overspray area" in order to determine the biostimulation products effectiveness.	3/19/2025
bhall	Remediation that will be performed in areas not reasonably needed for production or subsequent drilling activities must be reclaimed at time of remediation.	3/19/2025
bhall	At least 1 sample must be collected from the water source that will be used for the biostimulation additive. The water must be analyzed for VOCs, chloride, TDS, cations/anions prior to application.	3/19/2025
bhall	Submit a complete and accurate report through the OCD Permitting website by 6/20/2025.	3/19/2025