

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

RECLAMATION REPORT

Jackson B #029Y
Incident #nAPP2235556172
Loco Hills, New Mexico
32.8613129, -103.9286346
NESW, Section 1, Township 17 South, Range 30 East

Prepared For

MR NM Operating, LLC Dallas, Texas

Prepared By

CDH Consulting, LLC Thornton, Colorado



October 6, 2025

Scott Rodgers
Environmental Specialist
New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

RE: Reclamation Report

MR NM Operating, LLC
Jackson B #029Y
Incident # nAPP2235556172
Loco Hills, New Mexico
32.8613129, -103.9286346
NESW, Section 1, Township 17 South, Range 30 East

Scott Rodgers,

CDH Consulting, LLC (CDH) on behalf of MR NM Operating, LLC (MR NM) presents this Reclamation Report for the Jackson B #029Y (Incident # nAPP2235556172) to the New Mexico Oil Conservation Division (OCD).

SITE INFORMATION

The Jackson B #029 is located approximately 26.7 miles east of Artesia, New Mexico (Figure 1). The legal location description is northeast quarter of the southwest quarter of Section 01, Township 17 South, Range 30 East, Eddy County, New Mexico. This location was officially plugged and abandoned (PA) on July 10, 2008.

On September 29, 2022, a release of approximately 18 barrels (bbls) of produced water was discovered coming up the 4-½" x 8-5/8" annulus through an open valve below the dry hole marker. The cause of the release was determined to be equipment failure. The location of the release is shown on Figure 1. Upon discovery, steps were taken to absorb fluids while the location was built back to accommodate coil and crane operations. Work was done around the plugged and abandoned well to ensure adequate airflow as the new wellhead was welded. Rig up coil was used to drillout to 4.5 inches above existing formation proliferation. The work crew then show holes based on bond logs to isolate the equipment adequately. No liquids were recovered.

On December 21, 2022, a Form C-141 was submitted to the New Mexico Oil Conservation Division (OCD) detailing the initial response to the release. The initial C-141 is included as Attachment A. OCD has assigned incident number nAPP2235556172 to this release.



GROUNDWATER & SITE RANKING

There are no significant watercourses or other sensitive areas within specified distances of the release as defined by 19.15.29.12.C.(4) or within 0.5 miles of the site. At the Jackson B #59 site, located 0.3 miles south-southeast of the release, soil boring B-1 was completed to 125 below ground surface (bgs) and groundwater was not encountered. The location of the boring is shown in Figure 2.

As the depth to water near the release is greater than 100 feet bgs, the closure criteria for soils deeper than 4 feet bgs are as follows per 19.15.29.12.C.(4) NMAC.

Table I - Depth to ground water greater than 100 feet

- Chlorides 20,000 milligrams per kilogram (mg/kg)
- Total petroleum hydrocarbons (TPH) including gasoline range organics (GRO), diesel range organics (DRO), and motor oil/lube organics (MRO) - 2,500 mg/kg
- GRO and DRO 1,000 mg/kg
- Benzene, toluene, ethylbenzene, total xylenes (BTEX) 50 mg/kg
- Benzene 10 mg/kg

The top 4 feet of soil will be defined and reclaimed per NMAC 19.15.29.13.D.(1)

- Chlorides 600 mg/kg
- TPH (GRO, DRO, MRO) 100 mg/kg
- BTEX 50 mg/kg
- Benzene 10 mg/kg

REMEDIATION

On August 7, 2024, the OCD and CDH discussed safety concerns regarding the excavation of chloride-impacted soil (poorly consolidated sand, Type C) to a depth of 40 feet bgs. During this meeting it was agreed that chloride-impacted soil would be removed to the maximum extent practicable (MEP), that CDH would contact the OCD once MEP was achieved to confirm both parties agreed to cease further excavation, and that a geotextile liner would be installed at the MEP depth as added groundwater protection from the elevated chloride concentrations identified at depth.

Excavation activities were completed by BDS in December 2024 and concluded in January 2025. The surface flowlines were relocated as required to access chloride-impacted soil beneath the surface flowline corridor. Field screening and confirmation soil sampling was completed to ensure soil at the excavation extent is below the applicable chloride closure criteria. Per the OCD-approved Site Characterization & Remediation Plan, chloride impacted soil was excavated to depths of 2 feet bgs and 4 feet bgs to remove chloride impacted soil exceeding the OCD Reclamation Standard (600 mg/kg) for the top 4 feet of soil and to a depth of 20 feet bgs to remove chloride impacted soil exceeding the closure criteria (20,000 mg/kg) for soil deeper than 4 feet.



Per the OCD-approved *Site Characterization and Remediation Plan*, one 5-point composite sample was collected for every 500 square feet of excavation floor and sidewall and were submitted for laboratory analysis. Due to the high closure criteria for chloride in soil deeper than 4 feet (20,000 mg/kg), the low chloride concentrations (maximum of 5,120 mg/kg [FL09@4]) observed during excavation/delineation, and the low closure criteria for chloride in soil within the top 4 feet of soil (600 mg/kg), a larger proportion of sidewall samples were collected relative to floor samples (16 sidewall samples, 12 floor samples). The estimated total area of the irregularly shaped excavation (floor and sidewall) was approximately 14,000 square feet (14,000 square feet / 500 square feet = 28 confirmation soil samples). The total volume of chloride impacted soil removed from the excavation was 2,676 cubic yards. Impacted soil was transported to R360 (Facility ID #fEEM0112340644) for offsite disposal. Waste manifests are summarized in Attachment B.

The confirmation samples were placed into laboratory-supplied 4-ounce glass jars and sealed headspace, labeled, stored in a cooler on ice, and submitted to Eurofins of Carlsbad, New Mexico, under standard chain-of-custody protocol for laboratory analysis of benzene, toluene, ethylbenzene, and total xylenes (BTEX) per Environmental Protection Agency (EPA) Method 8021B, total petroleum hydrocarbons (TPH) per EPA Method 8015, and chloride per EPA Method 300.0.

On December 10, 2024, CDH informed the OCD that MEP has been achieved at a depth of 20 feet bgs. The sidewalls were composed of fine/unconsolidated sand which posed a significant risk to human health (collapse hazard) as heavy equipment approaching these sidewalls. CDH also reported lower than anticipated concentrations of chloride. Analytical results indicate FL06@20 (2,460 mg/kg) and FL07@20 (2,240 mg/kg) were below the closure criteria (20,000 mg/kg); therefore, it appears delineation samples identified elevated chloride within a limited area. The OCD requested CDH cease excavation upon receiving the site update (Attachment A). Therefore, the geotextile liner was installed at 20 feet bgs. Photographic documentation of the installed geotextile liner is included in Attachment C.

All final confirmation soil samples collected from the sidewalls and floor extending from the ground surface to 2 feet and 4 feet bgs were below the OCD Reclamation Standard (600 mg/kg) for the top 4 feet of soil. All final confirmation soil samples collected from the sidewalls and floor of the excavation extending from 4-20 feet bgs were below the OCD Table 2 Closure Criteria (20,000 mg/kg). Figure 3 presents confirmation soil sample locations and the final excavation extent. Laboratory analytical reports are included in Attachment D and summarized in Table 2.

The excavation was backfilled with 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 was placed during remediation activities. Photographic documentation of the backfilled excavation is included in Attachment C.

REMEDIATION CLOSURE

On June 16, 2025, the OCD approved the Remediation Closure Report (Attachment A).



RECLAMATION PLAN

MR NM will reclaim all areas disturbed by drilling, production, and remediation activities (47,000 square feet) associated with the Jackson B #029Y well production site per 19.15.29.13 NMAC. The reclamation area is presented in Figure 4.

During remediation, suitable material to establish vegetation at the site was used as soil cover. Initial seedbed preparation will include dozer track imprinting and recontouring. If caliche or material that is not suitable to establish vegetation is encountered during ripping and seed bed preparation, topsoil will be imported. Native soil at the site is characterized as sand; therefore, the corresponding BLM #2 seed mix for sandy sites will be purchased from a New Mexico Department of Agriculture (NMDA) licensed dealer and planted in the pounds pure live seed (PLS) per acre specified by the supplier. The seed mixture will be broadcast seeded or sowed, based on weather conditions at the time of planting. Reseeding will take place within 3 months of OCD approval of this Reclamation Plan.

The reclamation area will be monitored for vegetative growth to ensure revegetation is successful. Monitoring will include inspections completed on a semi-annual basis until uniform vegetative cover has been established that reflects a life-form ratio of +/- 50% of pre-disturbance levels and a total percent plant cover of at least 70% of pre-disturbance levels (excluding noxious weeds). 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 uniform vegetative cover has been established that reflects a life-form ratio of +/- 50% of pre-disturbance levels and 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 noxious weeds), a *Revegetation Report* will be submitted to the OCD.

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

Attachments:

Figures Table

Attachment A – OCD Correspondence

Attachment B – Waste Manifests Summary

Attachment C – Photographic Log

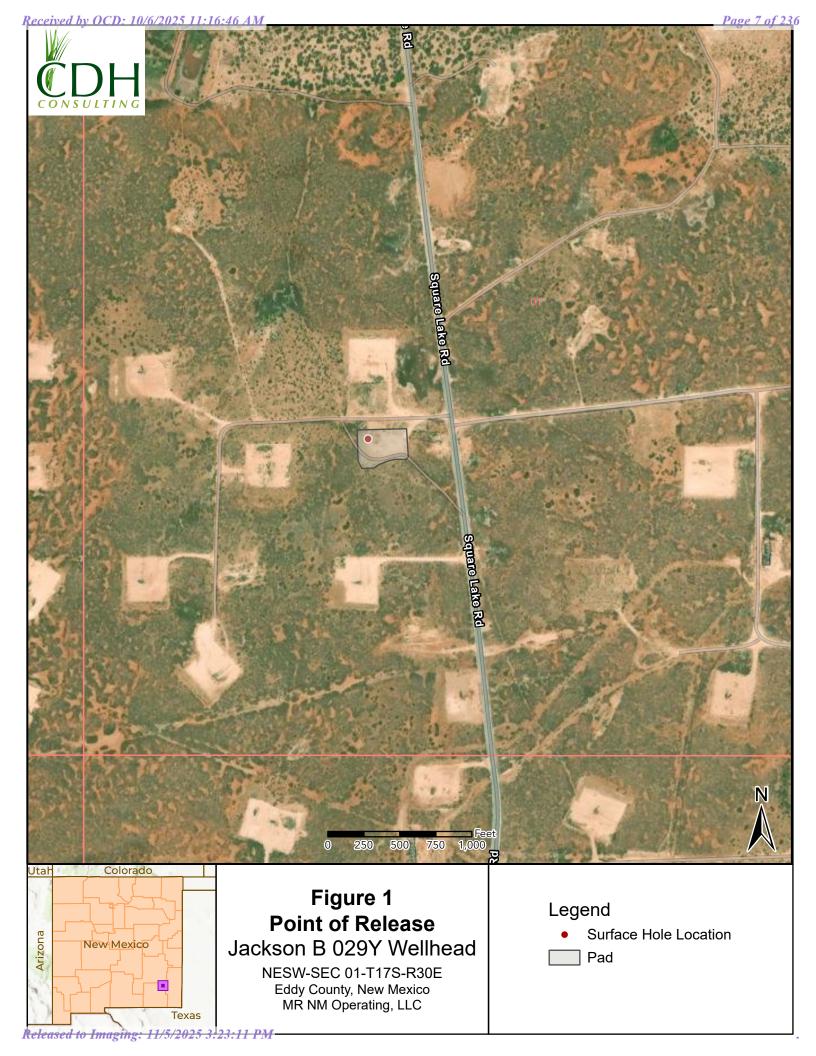
Attachment D – Laboratory Analytical Reports

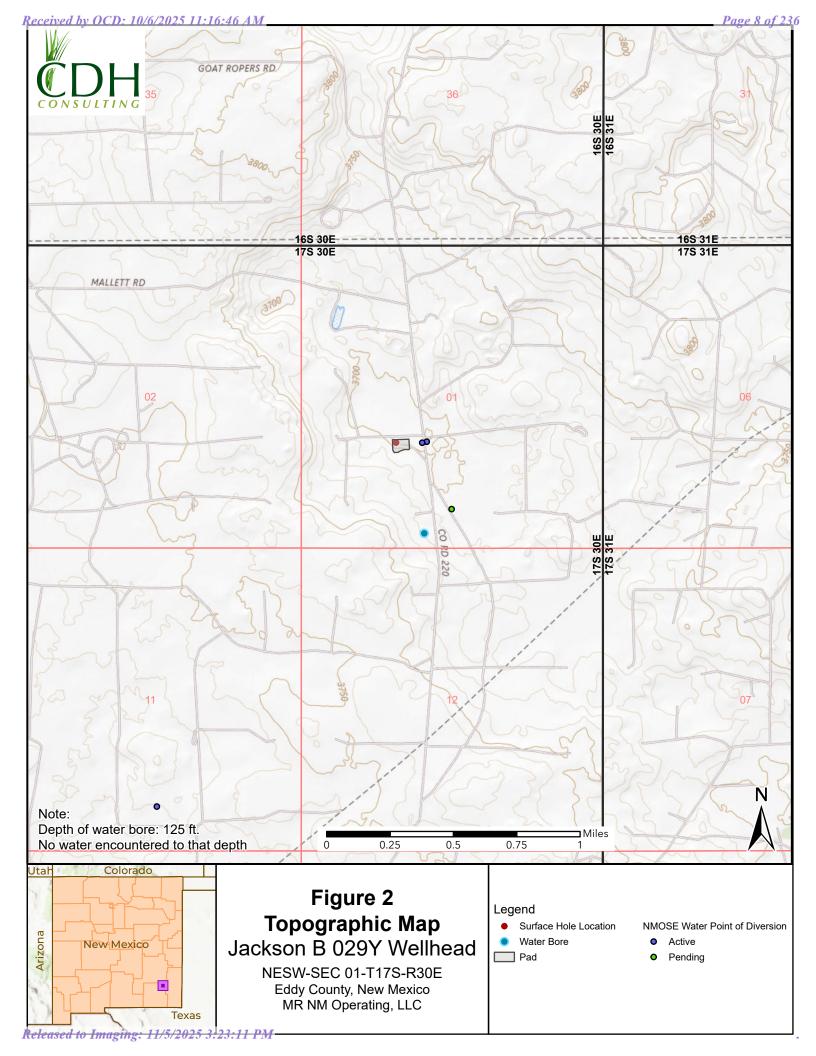
Devin Girtin, P.G., PMP Program Manager

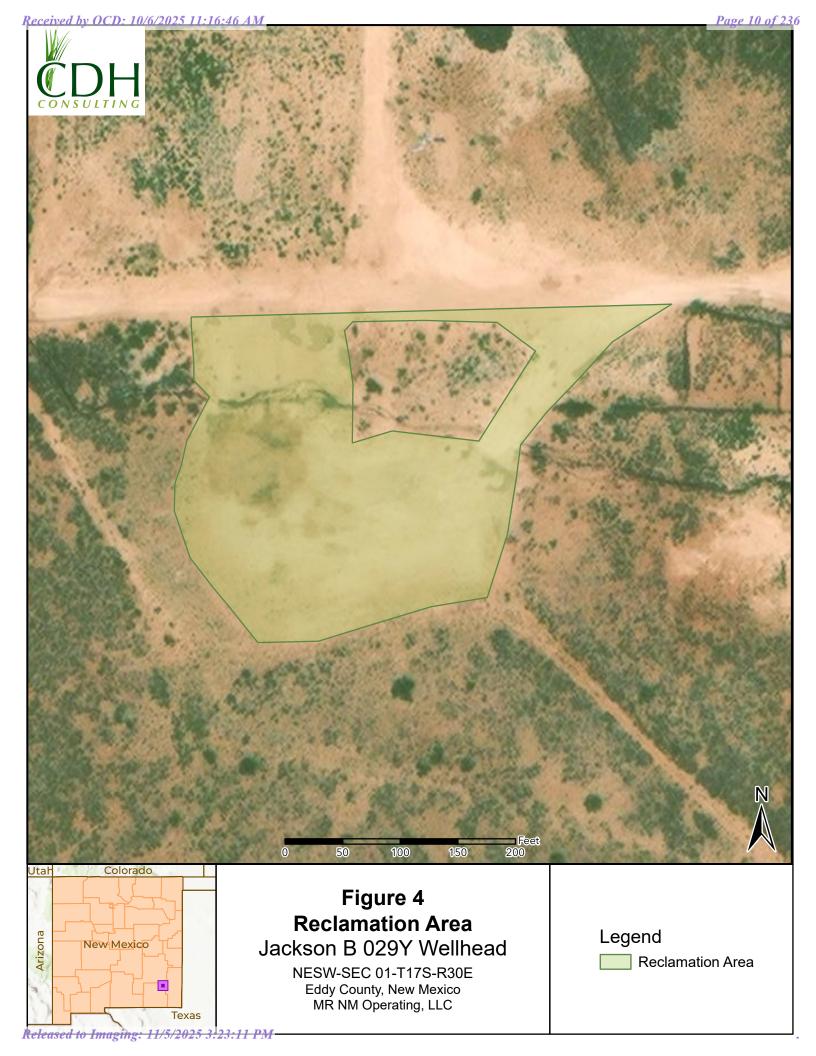
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FIGURES









TABLE



TABLE 1
SOIL ANALYTICAL RESULTS
JACKSON B 029Y WELLHEAD
EDDY COUNTY, NEW MEXICO
MR NM OPPERATING, LLC

Sample ID Date Sampled		Depth (feet bgs)	Chlorides (mg/kg)	TPH ⁽³⁾ (mg/kg)	GRO+DRO (mg/kg)	BTEX (mg/kg)	Benzene (mg/kg)	
NMOCD Table I S	oil Standard (mg/kg) ⁽¹⁾	0-4	600	100	NE	50	10	
FL02@2	FL02@2 12/10/2024		666	<50.0	<100.0	<0.00403	<0.00202	
SW02	12/10/2024	0-2	889	<49.9	<98.9	<0.00403	<0.00202	
SW03	12/10/2024	0-2	608	<50.0	<100.0	<0.00401	<0.00200	
SW10	12/11/2024	0-4	629	<50.0	<100.0	<0.00403	<0.00202	
SW02	12/12/2024	0-4	1,480	<49.8	<98.6	<0.00403	0.00202	
SW02	12/17/2024	0-4	1,310	<50.0	<100.0	<0.00401	<0.00200	
SW06	12/17/2024	0-4	840	212	212	<0.00399	<0.00200	
SW07	12/17/2024	0-4	3,320	<49.8	<98.6	<0.00398	<0.00199	
SW02	12/19/2024	0-4	698	<49.8	<49.8	<0.00398	<0.00199	
FL01@1	12/10/2024	1.0	329	<50.0	<100.0	<0.00401	<0.00200	
SW01	12/10/2024	0-1	405	<49.9	<98.8	<0.00398	< 0.00199	
FL03@1	12/11/2024	1.0	597	<49.6	<98.2	<0.00398	<0.00199	
FL04@1	12/11/2024	1.0	326	<50.2	<100.4	<0.00397	<0.00198	
SW04	12/11/2024	0-2	63.0	<50.4	<100.8	<0.00402	<0.00201	
SW05	12/11/2024	0-2	519	<50.5	<100.1	<0.00404	<0.00202	
FL05@2	12/11/2024	2.0	357	<50.0	<100.0	0.147	<0.00200	
SW08	12/11/2024	0-4	556	<49.9	<98.8	<0.00398	<0.00199	
SW09	12/11/2024	0-4	561	<49.8	<98.6	<0.00401	<0.00200	
SW03	12/12/2024	0-4	392	<50.0	<100.0	<0.00398	<0.00199	
SW10	12/13/2024	0-4	481	<49.9	<98.8	<0.00404	<0.00202	
SW06	12/19/2024	0-4	399	<50.0	<50.0	<0.00202	<0.00202	
SW07	12/19/2024	0-4	136	<49.7	<49.7	<0.00401	<0.00200	
SW02	01/03/2025	0-4	255	<50.2	<50.2	<0.00402	<0.00201	
Backfill	03/04/2025	2.5-3.0	160	<50.5	<50.5	<0.00404	<0.00202	
NMOCD Table I Se	oil Standard (mg/kg) ⁽²⁾	>4	20,000	2,500	1,000	50	10	
FL06@20	12/10/2024	20	2,460	<49.9	<98.8	<0.00396	<0.00198	
FL07@20	12/10/2024	20	2,240	<50.0	<100.0	<0.00399	<0.00200	
SW11	12/11/2024	4-20	1,060	68.4	68.4	<0.00396	<0.00198	
SW12	12/11/2024	4-20	549	<49.9	98.8	<0.00401	<0.00200	
SW13	12/11/2024	4-20	790	<49.9	<98.8	<0.00401	<0.00200	
SW14	12/11/2024	4-20	3,300	<49.8	<98.6	<0.00396	<0.00198	
FL08@4	12/11/2024	4.0	988	70.5	70.5	0.0350	0.00326	
FL09@4	12/11/2024	4.0	5,120	117	117	<0.0133	<0.00202	
FL10@4	12/11/2024	4.0	4,470	<50.1	<100.2	0.00938	<0.00201	
FL11@4	12/11/2024	4.0	2,150	<50.4	<100.8	0.00421	<0.00202	
FL12@4	12/11/2024	4.0	4,230	<50.1	<100.2	<0.00531	<0.00200	
FL02@4	12/12/2024	4.0	1,130	<50.0	<100.0	<0.00401	<0.00200	
SW15	12/17/2024	4-20	4,610	<49.9	<98.8	<0.00402	<0.00201	
SW16	12/17/2024	4-20	1,310	<50.0	<100.0	<0.00403	<0.00202	

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

BOLD = Result above applicable standard

NMOCD = New Mexico Oil Conservation Divison

(<) = 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, ethlybenzene, and total xylenes

mg/kg = Milligrams per kilogram

bgs = Below ground surface

NE = Not established

ATTACHMENT AOCD Correspondence



District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

Responsible Party

Contact mailing address

Contact Name

Contact email

MR NM Operating LLC

Josh Verner

josh@mr-nm.com

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	nAPP2235556172
District RP	
Facility ID	
Application ID	

330506

(281) 224-3430

nAPP2235556172

Release Notification

Responsible Party

5950 Berkshire Lane Suite 1000 Dallas, TX 75225

OGRID

Contact Telephone

Incident # (assigned by OCD)

atitude3	32.8613129			Longitude	-103.9286346	
			(NAD 83 in decin	nal degrees to 5 deci	imal places)	
Site Name		Jackson B #029	Y	Site Type	Plugged and Abandoned	
Date Release	Discovered	09/29/2022		API# (if ap	pplicable) 30-015-21473	
Unit Letter	Section	Township	Range	Cou	inty	
K	01	17S	30E	Eddy		
Crude Oil Volume Released (bbls)				ileulations of specific	Volume Recovered (bbls)	
	Materia	al(s) Released (Select al	Nature and		c justification for the volumes provided below)	
('mada (hd		l Volume Release	d (hhls)			
	Water				` '	0
	Water	Volume Release	d (bbls)	18	Volume Recovered (bbls)	0
	Water	Volume Release Is the concentrat	d (bbls)		` '	0
		Volume Release	d (bbls) ion of dissolved chle>10,000 mg/1?		Volume Recovered (bbls)	0
Produced	te	Volume Release Is the concentrat produced water	ion of dissolved chlo- >10,000 mg/l? d (bbls)		Volume Recovered (bbls) Yes No	0
☑ Produced☑ Condensa	te as	Volume Release Is the concentrat produced water: Volume Release Volume Release	ion of dissolved chlo- >10,000 mg/l? d (bbls)	oride in the	Volume Recovered (bbls) Yes No Volume Recovered (bbls)	

Received by OCD: 10/6/2025 11:16:46 AM Form C-141 State of New Mexico Page 2 Oil Conservation Division

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Incident ID	nAPP2235556172
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible party consider this a major release?
☐ Yes ☒ No	
If YES, was immediate no	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
	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 rele	ease has been stopped.
The impacted area has	s been secured to protect human health and the environment.
Released materials ha	we been contained via the use of berms or dikes, absorbent pads, or other containment devices.
All free liquids and re	ecoverable materials have been removed and managed appropriately.
If all the actions described	l above have <u>not</u> been undertaken, explain why:
has begun, please attach	AC the responsible party may commence remediation immediately after discovery of a release. If remediation a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred at area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
regulations all operators are a public health or the environmentalled to adequately investigations.	rmation given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and required to report and/or file certain release notifications and perform corrective actions for releases which may endanger nent. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have ate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In f a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws
Printed Name: Ben Bar	Title: Vice President
Signature:	Date: <u>12/22/2022</u>
email: Ben@C	Date: 12/22/2022 Sypressnr.com Telephone: (281) 224-3430
	-
OCD Only	
Received by:	Date:

Michael Wicker

From: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>

Sent: Thursday, February 27, 2025 1:03 PM

To: Michael Wicker

Subject: RE: [EXTERNAL] RE: The Oil Conservation Division (OCD) has approved the application,

Application ID: 382397

Follow Up Flag: Follow up Flag Status: Flagged

Good Afternoon Michael,

Your time extension request is approved. Remediation Due date has been updated to May 15, 2025 within the incident page. Ensure that the site characterization/assessment report has been completed and is provided within the final closure report.

Please keep a copy of this communication for inclusion within the appropriate reporting documentation.

The OCD requires a copy of all correspondence related to remedial activities be included in all proposals, weekly/monthly/quarterly/semi-annual/annual, or final closure reports. Correspondence reporting requirements may include, but not limited to, time extension requests, sample event notifications, and variance requests.

If you have any questions, please contact me via email at your convenience.

Thank you.

Regards,

Scott Rodgers • Environmental Specialist – Adv.

Environmental Bureau
EMNRD - Oil Conservation Division
5200 Oakland NE, Suite B | Albuquerque, NM 87113
505.469.1830 | scott.rodgers@emnrd.nm.gov



From: Michael Wicker < mwicker@cdhconsult.com>

Sent: Thursday, February 27, 2025 11:26 AM

To: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>

Subject: [EXTERNAL] RE: The Oil Conservation Division (OCD) has approved the application, Application ID: 382397

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

Hi Scott,

Hope you're doing well!

As I am finalizing the Remediation Closure Report for the Jackson B #029Y (Incident #nAPP2235556172) in Loco Hills (32.8613129, -103.9286346), we received analytical results yesterday afternoon for a 5-point composite soil sample that was collected from backfill material at the Water Disposal Flowline Release (Incident #nAPP2322554757) also located in Loco Hills (32.85551, -103.95222). The backfill material used at this site was sourced from the same location as the Jackson.

In response to this new information, we are requesting an extension for the Remediation Closure Report due date to be May 15th to allow time to assess the backfill material. We'll mobilize to the site as soon as field staff have availability (within 1-2 weeks). If the backfill material is below standards, we'll update the Remediation Closure Report and submit within a week of receiving analytical results (well before May 15th). The May 15th due date would allow time to excavate the backfill material should it exceed reclamation standards.

Thank you! Michael

Michael A. Wicker, P.G. Senior Geologist CDH Consulting, LLC 616.970.8459

From: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>

Sent: Wednesday, December 11, 2024 8:22 AM **To:** Michael Wicker mwicker@cdhconsult.com

Subject: RE: [EXTERNAL] RE: The Oil Conservation Division (OCD) has approved the application, Application ID: 382397

Thanks Michael

Scott Rodgers ● Environmental Specialist – Adv. Environmental Bureau EMNRD - Oil Conservation Division 5200 Oakland NE, Suite B | Albuquerque, NM 87113 505.469.1830 | scott.rodgers@emnrd.nm.gov http://www.emnrd.nm.gov/ocd



From: Michael Wicker < mwicker@cdhconsult.com Sent: Wednesday, December 11, 2024 8:18 AM

To: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>

Cc: Bratcher, Michael, EMNRD < mike.bratcher@emnrd.nm.gov >; Chance Scarborough < chance@cypressnr.com >; Chris

Delhierro <chris@cdhconsult.com>; Dakoatah Cueto <dcueto@cdhconsult.com>

Subject: [EXTERNAL] RE: The Oil Conservation Division (OCD) has approved the application, Application ID: 382397

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

Good Morning, Scott,

Chloride impacted soil has been removed in the following areas:

- SS-11 to a depth of 1-foot
- SS09 to a depth of 2 feet
- The area beneath the former location of the poly lines will be investigated today
 - Line was moved north yesterday afternoon
- SS06 to a depth of 20 feet
- SS05 to a depth of 20 feet
- SS01, SS03, SS04, & SS07 to depth of 4 feet

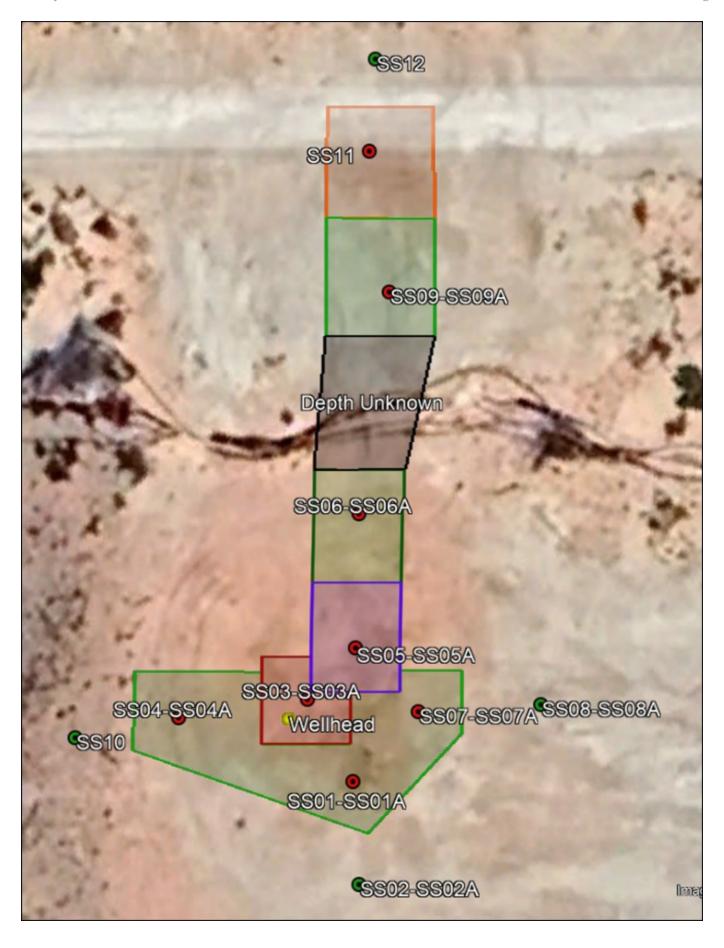
Field screening indicated:

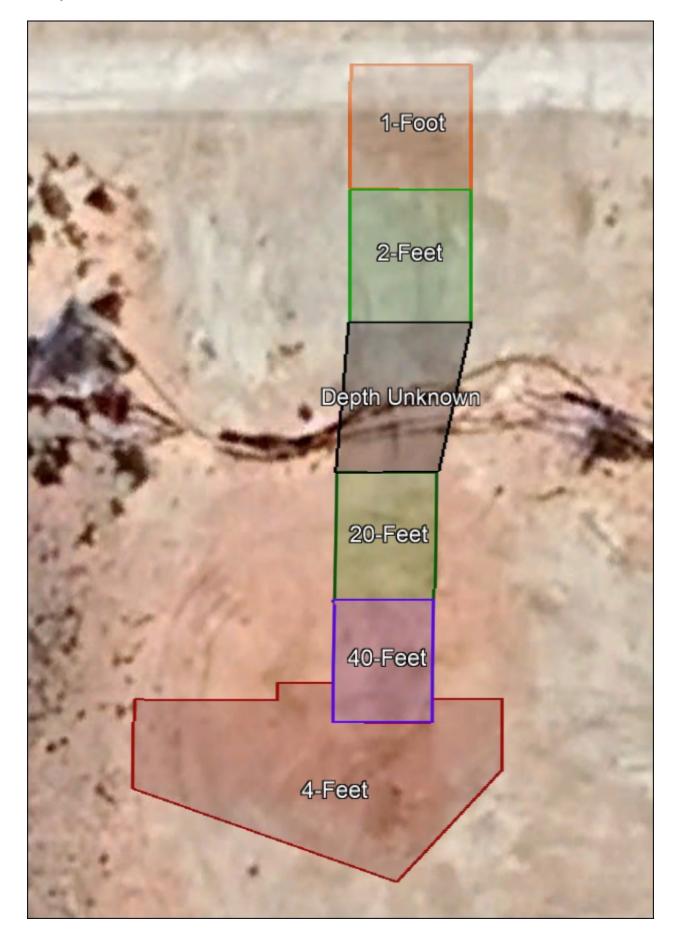
- SW01 (316 mg/kg) and SW02 (316 mg/kg) were in compliance with the OCD Reclamation standard (600 mg/kg) for the top 4 feet of soil, analytical results due back by EOD today
- FL06 (1,952 mg/kg) & FL07 (2,092 mg/kg) were well below the closure criteria of 20,000 mg/kg for soil beneath 4 feet
- SW06 (900 mg/kg) & SW07 (1,820 mg/kg) exceeded the OCD Reclamation standard (600 mg/kg) for the top 4 feet of soil
 - Attempts to extend an additional 2 feet (top 4 feet only) east and west for the areas represented by FL06 & FL07 to recollect SW06 and SW07 have resulted in sidewall collapse
 - Due to safety, SW06 & SW07 to be collected and submitted for laboratory analysis pending field screening results once the deeper portion of the excavation has been backfilled to 4 feet
- Field screening results were inconclusive for sidewall samples SW11, SW12, & SW13 due to the chloride strip clogging (large silt content)
 - SW14 indicated chloride was 2,256 mg/kg, well below the closure criteria of 20,000 mg/kg for soil beneath 4 feet
 - Sidewall samples SW11, SW12, & SW13 being field screened again this morning, will be submitted for laboratory analysis, results will be received by EOD Thursday
 - Will install a geotextile liner at 20 feet (FL06 & FL07) and backfill to 4 feet, pending confirmation soil sample analytical results for FL06@20, FL07@20, SW11, SW12, SW13, & SW14
- FL08, FL10, FL11, & FL12 exceeded at the 2-foot and 3-foot depth intervals, excavated to 4 feet, confirmation soil samples to be submitted to the lab today, analytical results due back EOD Thursday
- SW08 (280 mg/kg) were in compliance with the OCD Reclamation standard (600 mg/kg) for the top 4 feet of soil, confirmation soil sample to be submitted to the lab today, analytical results due back EOD Thursday
- SW09 & SW10 were inconclusive due to the chloride strip clogging (large silt content), will attempt to field screen again today, confirmation soil sample to be submitted to the lab today, analytical results due back EOD Thursday

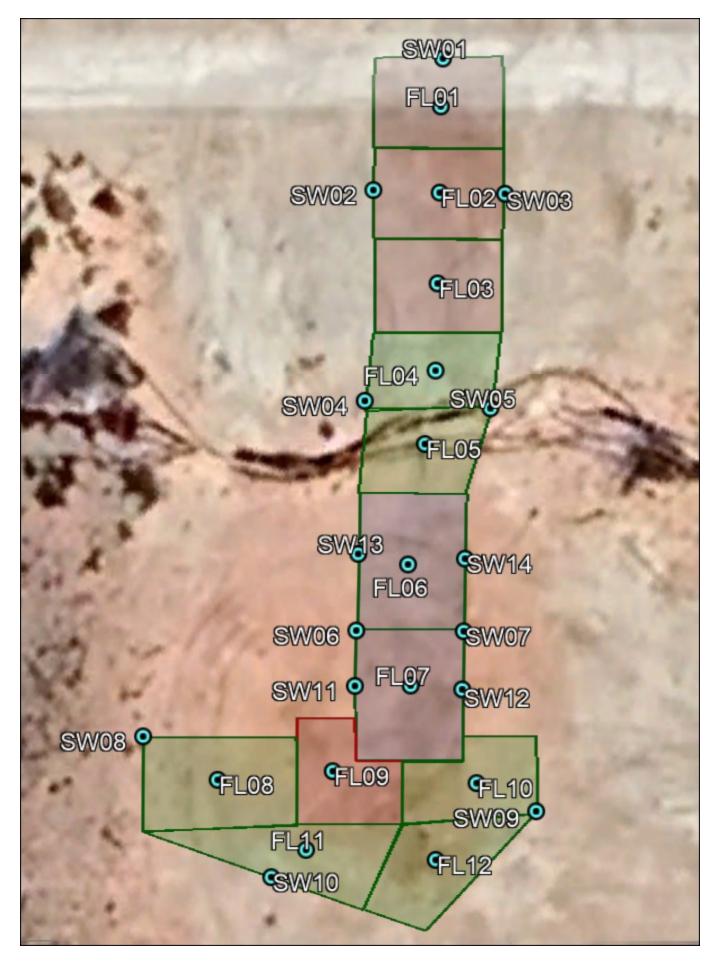
The following samples were submitted for laboratory analysis of TPH, BTEX, and Chlorides yesterday, analytical results due by EOD today:

- FL01@1'
- FL02@2'
- SW01
- SW02
- SW03

- FL06@20'
- FL07@20'







Note:

- SW02 represents the top 1-2 feet of the western sidewall for the area represented by FL01, FL02, & FL03
- SW03 represents the top 1-2 feet of the eastern sidewall for the area represented by FL01, FL02, & FL03
- SW08 represents the top 1-2 feet of the eastern sidewall for the area represented by FL01, FL02, & FL03
- SW06 represents the top 4 feet of the western sidewall for the area represented by FL06 & FL07
- SW07 represents the top 4 feet of the eastern sidwall for the area represented by FL06 & FL07
- SW11 represent the sidewall from 4-20 feet for the western sidewall of the area represented by FL07
- SW12 represent the sidewall from 4-20 feet for the eastern sidewall of the area represented by FL07
- SW13 represent the sidewall from 4-20 feet for the western sidewall of the area represented by FL06
- SW14 represent the sidewall from 4-20 feet for the eastern sidewall of the area represented by FL06

Thank you, Michael

Michael A. Wicker, P.G. Senior Geologist CDH Consulting, LLC 616.970.8459

From: Rodgers, Scott, EMNRD < Scott.Rodgers@emnrd.nm.gov >

Sent: Tuesday, December 10, 2024 3:38 PM **To:** Michael Wicker < mwicker@cdhconsult.com>

Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: RE: [EXTERNAL] RE: The Oil Conservation Division (OCD) has approved the application, Application ID: 382397

Good afternoon Michael.

Please cease excavation. When you find a moment, send a brief report on what has been done and where we stand with the project currently. We will get back with you to make a plan going forward.

Thanks for keeping us updated with this project, Scott

Scott Rodgers ● Environmental Specialist – Adv. Environmental Bureau EMNRD - Oil Conservation Division 5200 Oakland NE, Suite B | Albuquerque, NM 87113 505.469.1830 | scott.rodgers@emnrd.nm.gov http://www.emnrd.nm.gov/ocd



From: Michael Wicker < mwicker@cdhconsult.com >

Sent: Tuesday, December 10, 2024 1:39 PM

To: Rodgers, Scott, EMNRD < Scott.Rodgers@emnrd.nm.gov >

Subject: [EXTERNAL] RE: The Oil Conservation Division (OCD) has approved the application, Application ID: 382397

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

Hi Scott,

Right after I hit send on the email below, I got a call from Dakoatah (CDH field personnel) informing me the east wall collapsed. Luckily everyone is ok. It occurred while collecting sidewall samples from the west side of the excavation.

Thank you, Michael

Michael A. Wicker, P.G. Senior Geologist CDH Consulting, LLC 616.970.8459

From: Michael Wicker

Sent: Tuesday, December 10, 2024 1:13 PM

To: Rodgers, Scott, EMNRD < Scott.Rodgers@emnrd.nm.gov>

Subject: RE: The Oil Conservation Division (OCD) has approved the application, Application ID: 382397

Good Afternoon, Scott,

We have reached 20 feet bgs at the Jackson B #029Y. As the sidewalls are composed of fine sand, we are concerned that heavy equipment approaching these sidewalls is a collapse hazard which poses a significant risk to human health. Field screening indicates FL06@20 (1,952 mg/kg) and FL07@20 (2,092 mg/kg) are well below the closure criteria (20,000 mg/kg). Field screening for composite soil sampling indicates compliance with Table I; therefore, it appears delineation samples identified elevated chloride with a limited aerial extent.

Due to the risk to human health and the fact risk to groundwater and the environment appears to be low due to low chloride concentrations, CDH requests the OCD approve of the determination that chloride impacted soil has been removed to the maximum extent practicable and request the OCD approve of the installation of a geotextile liner at 20 feet bgs to protect groundwater from elevated chloride below 20 feet bgs as these impacts appear to effect a limited aerial extent, pending laboratory confirmation of low chloride concentrations in confirmation soil samples FL06@20 and FL07@20 (as indicated by field screening).

Thank you, Michael

Michael A. Wicker, P.G. Senior Geologist CDH Consulting, LLC 616.970.8459 From: Rodgers, Scott, EMNRD < Scott.Rodgers@emnrd.nm.gov>

Sent: Friday, October 11, 2024 1:53 PM

To: Michael Wicker < mwicker@cdhconsult.com>

Subject: RE: [EXTERNAL] RE: The Oil Conservation Division (OCD) has approved the application, Application ID: 382397

Afternoon Michael,

Your time extension request is approved. Remediation Due date has been updated to February 28, 2025 within the incident page. Ensure that the site characterization/assessment report has been completed and is provided within the final closure report.

Please keep a copy of this communication for inclusion within the appropriate reporting documentation.

The OCD requires a copy of all correspondence related to remedial activities be included in all proposals, weekly/monthly/quarterly/semi-annual/annual, or final closure reports. Correspondence reporting requirements may include, but not limited to, time extension requests, sample event notifications, and variance requests.

If you have any questions, please contact me via email at your convenience.

Thank you.

Regards,

Scott Rodgers • Environmental Specialist – Adv.

Environmental Bureau
EMNRD - Oil Conservation Division
8801 Horizon Blvd. NE, Suite 260 | Albuquerque, NM 87113
505.469.1830 | scott.rodgers@emnrd.nm.gov
http://www.emnrd.nm.gov/ocd



From: Michael Wicker < mwicker@cdhconsult.com>

Sent: Friday, October 11, 2024 11:40 AM

To: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>

Subject: [EXTERNAL] RE: The Oil Conservation Division (OCD) has approved the application, Application ID: 382397

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

Hi Scott,

Thank you for your quick response and approval. Can we also request additional time to submit the final closure report since the closure report is currently due two weeks after commencement of remediation? While we anticipate submittal prior to, we request the closure report deadline be February 28th. We should be able to turn the closure report around pretty quickly once the excavation is complete and all analytical results are received.

Thank you! Michael

Michael A. Wicker, P.G. Senior Geologist CDH Consulting, LLC 616.970.8459

From: Rodgers, Scott, EMNRD < Scott.Rodgers@emnrd.nm.gov >

Sent: Friday, October 11, 2024 11:34 AM

To: Michael Wicker < mwicker@cdhconsult.com>

Subject: RE: [EXTERNAL] RE: The Oil Conservation Division (OCD) has approved the application, Application ID: 382397

Hey Michael,

The request to amend the start of the remediation to December 15, 2024 is approved.

Per 19.15.29.12E (1) NMAC, The responsible party must submit closure report along with form C-141 to the division within 90 days of the remediation plan approval. The responsible party may apply for additional time to submit the final closure report upon a showing of good cause as determined by the division.

It looks like the remediation plan was approved on 10/2/2024. The closure report due date is at 12/31/2024.

Thanks, Scott

Scott Rodgers ● Environmental Specialist – Adv. Environmental Bureau EMNRD - Oil Conservation Division 8801 Horizon Blvd. NE, Suite 260 | Albuquerque, NM 87113 505.469.1830 | scott.rodgers@emnrd.nm.gov http://www.emnrd.nm.gov/ocd



From: Michael Wicker < mwicker@cdhconsult.com>

Sent: Friday, October 11, 2024 9:59 AM

To: Rodgers, Scott, EMNRD < Scott.Rodgers@emnrd.nm.gov >

Subject: [EXTERNAL] RE: The Oil Conservation Division (OCD) has approved the application, Application ID: 382397

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

Hi Scott,

The OCD-approved Remediation Plan specified a remediation start date of November 15th; however, in an effort to complete two projects efficiently, we are hoping to address the Westall Water Disposal Flowline Release (Incident #nAPP2322554757) immediately after completion of the Jackson B #029Y since the site is located just 1.5 miles away. The Remediation Workplan for the Westall Water Disposal Flowline Release was submitted via C-141 on October 4th. Would we be able to postpone the remediation start date for the Jackson B #029Y until December 15th?

Thank you! Michael

Michael A. Wicker, P.G. Senior Geologist CDH Consulting, LLC 616.970.8459

From: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>

Sent: Monday, October 7, 2024 3:43 PM

To: Michael Wicker < mwicker@cdhconsult.com >

Subject: RE: [EXTERNAL] RE: The Oil Conservation Division (OCD) has approved the application, Application ID: 382397

Hey Michael,

You are correct in your interpretation. Horizontal delineation must meet the requirements of the reclamation standards 19.15.29.13 NMAC (600 mg/kg Cl, 100 mg/kg TPH, 50 mg/kg BTEX, 10 mg/kg benzene) or OCD approved "background" values for the upper 4 feet of the impacted area to define the edges of the release. Soil standards below 4 feet must be delineated/remediated to Table I Closure Criteria for the approved site-specific depth to groundwater.

Thanks Michael, Scott

Scott Rodgers • Environmental Specialist – Adv.

Environmental Bureau
EMNRD - Oil Conservation Division
8801 Horizon Blvd. NE, Suite 260 | Albuquerque, NM 87113
505.469.1830 | scott.rodgers@emnrd.nm.gov
http://www.emnrd.nm.gov/ocd



From: Michael Wicker < mwicker@cdhconsult.com>

Sent: Monday, October 7, 2024 9:47 AM

To: Rodgers, Scott, EMNRD < Scott.Rodgers@emnrd.nm.gov > Cc: ocdonline, emnrd, EMNRD < emnrd.ocdonline@emnrd.nm.gov >

Subject: [EXTERNAL] RE: The Oil Conservation Division (OCD) has approved the application, Application ID: 382397

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

Hi Scott,

We just wanted to confirm that when you stated, "Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release" that you meant for the top 4 feet of soil to ensure sidewalls are in compliance with the reclamation standard per 19.15.29.13.D.(1) NMAC. And that sidewall samples below 4 feet bgs will be delineated/excavated to 20,000 mg/kg for chlorides and 2,500 mg/kg for TPH per 19.15.29.12.D NMAC as depth to water has been determined to be greater than 100 feet bgs.

Thank you! Michael

Michael A. Wicker, P.G. Senior Geologist CDH Consulting, LLC 616.970.8459

From: OCDOnline@state.nm.us < OCDOnline@state.nm.us>

Sent: Wednesday, October 2, 2024 9:58 AM **To:** Michael Wicker < mwicker@cdhconsult.com>

Subject: The Oil Conservation Division (OCD) has approved the application, Application ID: 382397

To whom it may concern (c/o Michael Wicker for MR NM Operating LLC),

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2235556172, with the following conditions:

• The Remediation Plan is Conditionally Approved. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards for site assessment/characterization/proven depth to water determination. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. The variance request to collect samples every 500 ft2 is approved. In the event that CDH is unable to get to 40', please notify OCD before proceeding further.

The signed C-141 can be found in the OCD Online: Imaging under the incident ID (n#).

If you have any questions regarding this application, please contact me.

Thank you, Scott Rodgers Environmental Specialist - A 505-469-1830 scott.rodgers@emnrd.nm.gov New Mexico Energy, Minerals and Natural Resources Department 1220 South St. Francis Drive

Santa Fe, NM 87505

From: OCDOnline@state.nm.us

To: <u>Michael Wicker</u>

Subject: The Oil Conservation Division (OCD) has approved the application, Application ID: 442849

Date: Monday, June 16, 2025 4:36:06 PM

To whom it may concern (c/o Michael Wicker for MR NM Operating LLC),

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2235556172, with the following conditions:

• This Remediation Closure Report is approved. Areas reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as they are no longer reasonably needed. A report for reclamation and revegetation will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".

The signed C-141 can be found in the OCD Online: Imaging under the incident ID (n#).

If you have any questions regarding this application, please contact me.

Thank you, Scott Rodgers Environmental Specialist - A 505-469-1830 scott.rodgers@emnrd.nm.gov

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

ATTACHMENT B

Waste Manifest Summary



Facility	Manifest Date	Manifest #	Ticket ID	Invoice #	Generator	Ordered By	API#	Well Name	Well Number	Hauler Name	Product Name	Unit	Quantity	Rig
CRI	45649		700-1665501	C293398	MR NM Operating	CHANCE SCARBOROUGH		JACKSON B	29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45645		700-1664067	C293398	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45645		700-1663997	C293398	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45645		700-1663985	C293398	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45645		700-1663983	C293398	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	DJJ TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45645		700-1003383	C293398	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	2S TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45645		700-1663978	C293398	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45645		700-1663975	C293398	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	2S TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45645		700-1663964	C293398	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)		20	NON-DRILLING
CRI	45645		700-1663903	C293398	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45645		700-1663856			CHANCE SCARBOROUGH	30-015-21473		29Y 29Y			yards	20	NON-DRILLING
CRI	45645		700-1663849		MR NM Operating					GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards		
					MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45645		700-1663823		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45642		700-1662745		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	2S TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45642		700-1662742	C293398	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	2S TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45642		700-1662741	C293398	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	2S TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45642		700-1662738	C293398	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	2S TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45642				MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	2S TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	12	NON-DRILLING
CRI	45642		700-1662187	C293398	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	2S TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45642		700-1662184	C293398	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	2S TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45642		700-1662170		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45642		700-1662169	C293398	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45642		700-1662153	C293398	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	2S TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	12	NON-DRILLING
CRI	45642	HW-721950	700-1662138	C293398	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45642	HW-721457	700-1662136	C293398	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45642	HW-723016	700-1662135	C293398	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45642	HW-721917	700-1662060	C293398	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	2S TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	12	NON-DRILLING
CRI	45642	HW-721515	700-1662044	C293398	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45642	HW-724372	700-1662043	C293398	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45642	HW-723019	700-1662037	C293398	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45642	HW-721456	700-1662038	C293398	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	12	NON-DRILLING
CRI	45642	HW-721949	700-1662032	C293398	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45642		700-1661976		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45642	HW-721702	700-1661974	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45642		700-1661971	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45642				MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45642		700-1661969	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45639		700-1661102	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45639		700-1661095	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45639		700-1661093	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45639		700-1661091	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	2S TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	12	NON-DRILLING
CRI	45639		700-1661083	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	LAND START LLC	Contaminated Soil (RCRA Exempt)	yards	12	NON-DRILLING
CRI	45639		700-1001083	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45639		700-1661034	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)		20	NON-DRILLING
CRI	45639		700-1661034				30-015-21473		29Y 29Y			yards	12	NON-DRILLING
CRI	45639 45639		700-1661002	C292706 C292706	MR NM Operating	CHANCE SCARBOROUGH CHANCE SCARBOROUGH	30-015-21473		29Y 29Y	2S TRUCKING LLC GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
					MR NM Operating						Contaminated Soil (RCRA Exempt)	yards		
CRI	45639		700-1660998	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45639		700-1660996	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	LAND START LLC	Contaminated Soil (RCRA Exempt)	yards	12	NON-DRILLING
CRI	45639				MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45639		700-1660909	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45639				MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45639		700-1660902	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	2S TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	12	NON-DRILLING
CRI	45639		700-1660898	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45639		700-1660883	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45639		700-1660881	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	LAND START LLC	Contaminated Soil (RCRA Exempt)	yards	12	NON-DRILLING
CRI	45639	HW-724018	700-1660821	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45639	HW-722209	700-1660820	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	2S TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	12	NON-DRILLING
CRI	45639	HW-722265	700-1660818	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45639	HW-722244	700-1660813	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45639		700-1660811	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	LAND START LLC	Contaminated Soil (RCRA Exempt)	yards	12	NON-DRILLING
CRI	45639		700-1660809	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45638		700-1660585	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45638		700-1660584			CHANCE SCARBOROUGH			29Y	2S TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	12	NON-DRILLING
	+5050	1144-12222	,00-1000364	CZ3Z/U0	with twist Operating	CHANCE SCANDONOUGH	30-013-214/3	JACKSUN B	231	23 INDUNING LLC	contaminated Joli (nena Exempt)	yarus	14	יאטוא-טעוננוואט

Facility	Manifest Date	Manifest #	Ticket ID	Invoice #	Generator	Ordered By	API#	Well Name	Well Number	Hauler Name	Product Name	Unit	Quantity	Rig
CRI	45638	HW-724404	700-1660577	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45638	HW-722215	700-1660576	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45638	HW-724019	700-1660574	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45638		700-1660571		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	LAND START LLC	Contaminated Soil (RCRA Exempt)	yards	12	NON-DRILLING
CRI	45638		700-1660549		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45638		700-1660487		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	2S TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	12	NON-DRILLING
CRI	45638		700-1660484		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45638		700-1660473		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45638		700-1660472		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	LAND START LLC	Contaminated Soil (RCRA Exempt)	yards	12	NON-DRILLING
CRI	45638		700-1660470		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45638		700-1660468		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI CRI	45638		700-1660402		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	2S TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	12	NON-DRILLING
CRI	45638 45638		700-1660383 700-1660373		MR NM Operating	CHANCE SCARBOROUGH CHANCE SCARBOROUGH	30-015-21473 30-015-21473		29Y 29Y	LAND START LLC GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	12 20	NON-DRILLING NON-DRILLING
CRI	45638 45638		700-1660373		MR NM Operating MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y 29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt) Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING NON-DRILLING
CRI	45638		700-1660371		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards yards	20	NON-DRILLING NON-DRILLING
CRI	45638		700-1660372		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45638		700-1660359		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45638		700-1660297		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	LAND START LLC	Contaminated Soil (RCRA Exempt)	yards	12	NON-DRILLING
CRI	45638		700-1660289		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45638		700-1660287		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45638		700-1660285		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45638		700-1660283		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45637		700-1660226		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	LAND START LLC	Contaminated Soil (RCRA Exempt)	yards	12	NON-DRILLING
CRI	45637		700-1660220		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45637		700-1660214		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45637		700-1660052		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45637	HW-722054	700-1660050	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45637	HW-721254	700-1660024	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45637	HW-724147	700-1659996	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	2S TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	12	NON-DRILLING
CRI	45637	HW-724169	700-1659935	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45637	HW-722045	700-1659928	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45637		700-1659927		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45637	HW-724023	700-1659926	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45637		700-1659924		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	LAND START LLC	Contaminated Soil (RCRA Exempt)	yards	12	NON-DRILLING
CRI	45637		700-1659906		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45637		700-1659828		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	2S TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	12	NON-DRILLING
CRI	45637		700-1659824		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45637		700-1659823		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45637		700-1659822		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45637		700-1659820		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	LAND START LLC	Contaminated Soil (RCRA Exempt)	yards	12	NON-DRILLING
CRI	45637		700-1659821		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45637		700-1659817		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI CRI	45637 45637		700-1659701 700-1659685		MR NM Operating MR NM Operating	CHANCE SCARBOROUGH CHANCE SCARBOROUGH	30-015-21473 30-015-21473		29Y 29Y	2S TRUCKING LLC GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt) Contaminated Soil (RCRA Exempt)	yards	12 20	NON-DRILLING NON-DRILLING
CRI	45637 45637		700-1659682		MR NM Operating MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y 29Y	LAND START LLC	Contaminated Soil (RCRA Exempt) Contaminated Soil (RCRA Exempt)	yards yards	12	NON-DRILLING NON-DRILLING
CRI	45637		700-1659678		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING NON-DRILLING
CRI	45637		700-1659675		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45637		700-1059674		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45637		700-1053074		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45636		700-1659387		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	2S TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	12	NON-DRILLING
CRI	45636		700-1659386		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45636		700-1659385		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45636	1319-4	700-1659377		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	LAND START LLC	Contaminated Soil (RCRA Exempt)	yards	12	NON-DRILLING
CRI	45636		700-1659376		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45636		700-1659339		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45636	HW-722746	700-1659336	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45636		700-1659257		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45636		700-1659256		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473		29Y	2S TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	12	NON-DRILLING
CRI	45636		700-1659253		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45636	1319-3	700-1659250	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	LAND START LLC	Contaminated Soil (RCRA Exempt)	yards	12	NON-DRILLING
CRI	45636		700-1659249		MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45636	HW-721408	700-1659242	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING

Facility	Manifest Date	Manifest #	Ticket ID	Invoice #	Generator	Ordered By	API#	Well Name	Well Number	Hauler Name	Product Name	Unit	Quantity	Rig
CRI	45636	HW-722757	700-1659239	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45636	HW-722782	700-1659161	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45636	HW-721407	700-1659156	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45636	HW-721404	700-1659155	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45636	1319-2	700-1659154	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	LAND START LLC	Contaminated Soil (RCRA Exempt)	yards	12	NON-DRILLING
CRI	45636	HW-722747	700-1659077	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45636	HW-722674	700-1659074	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45636	HW-722716	700-1659072	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	12	NON-DRILLING
CRI	45636	1319	700-1659073	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	BDS ENTERPRISES LLC	Contaminated Soil (RCRA Exempt)	yards	12	NON-DRILLING
CRI	45635	HW-722677	700-1658837	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45635	HW-722756	700-1658836	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45635	HW-722748	700-1658835	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45635	HW-722715	700-1658832	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45635	HW-722744	700-1658759	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45635	HW-722745	700-1658758	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45635	HW-722717	700-1658754	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45635	HW-722673	700-1658753	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45635	HW-722606	700-1658652	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45635	HW-722605	700-1658651	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45635	HW-722604	700-1658650	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
CRI	45635	HW-722603	700-1658649	C292706	MR NM Operating	CHANCE SCARBOROUGH	30-015-21473	JACKSON B	29Y	GOLD SPEED TRUCKING LLC	Contaminated Soil (RCRA Exempt)	yards	20	NON-DRILLING
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ATTACHMENT CPhotographic Log



Photographic Log

MR NM Operating, LLC Jackson B #029Y December 17, 2024



Photo 1: Excavation overview, facing west of southern portion of the excavation

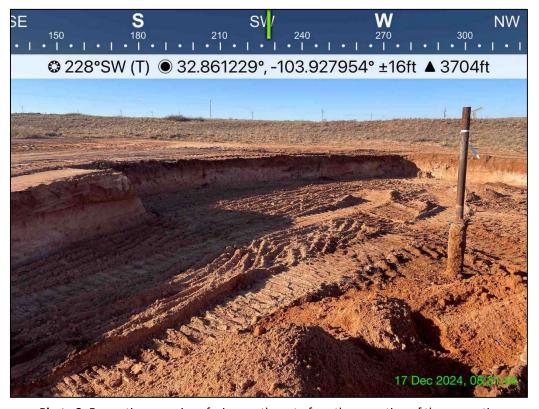


Photo 2: Excavation overview, facing southwest of southern portion of the excavation





Photo 3: Excavation overview, facing north-northwest of the geotextile liner placement



Photo 4: Excavation overview, facing west-northwest of FL05@2





Photo 5: Excavation overview, facing northwest of FL02@4 and SW02

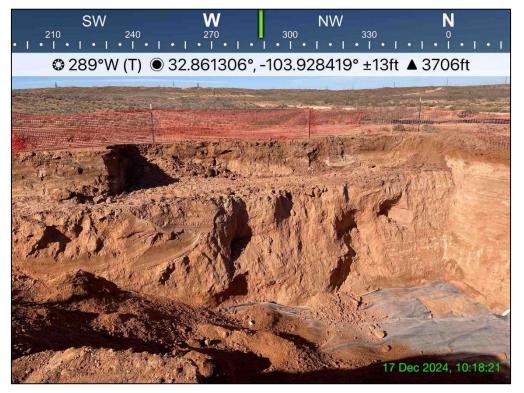


Photo 6: Excavation overview, facing west-northwest of FL06@20, SW06, SW11, and SW13





Photo 7: Excavation overview, facing east of FL06@20, SW07, SW12, and SW14

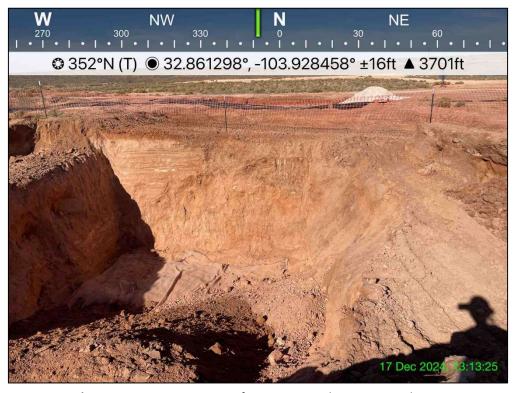


Photo 8: Excavation overview, facing west-north FL06@20 and SW15





Photo 9: Excavation overview, facing east of FL06@20, SW07, SW12, and SW14

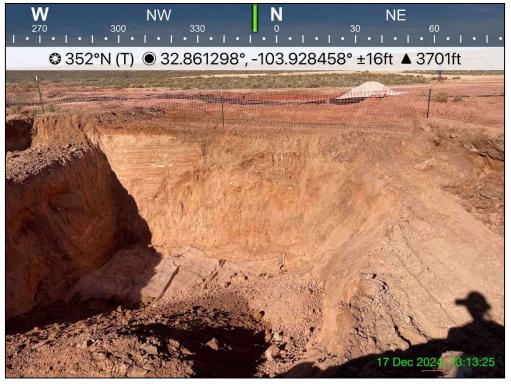


Photo 10: Excavation overview, facing west-north FL06@20 and SW15



Photographic Log MR NM Operating, LLC Jackson B #029Y January 28, 2025

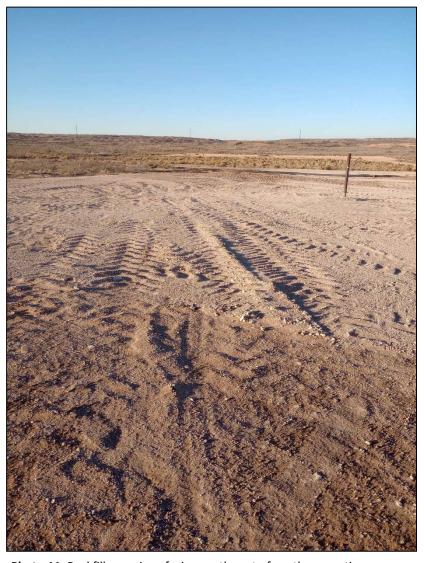


Photo 11: Backfill overview, facing northwest of southern portion

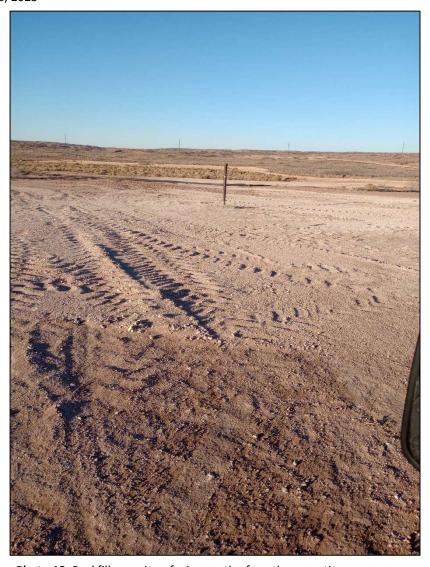


Photo 12: Backfill overview, facing north of southern portion

Photographic Log MR NM Operating, LLC Jackson B #029Y January 28, 2025

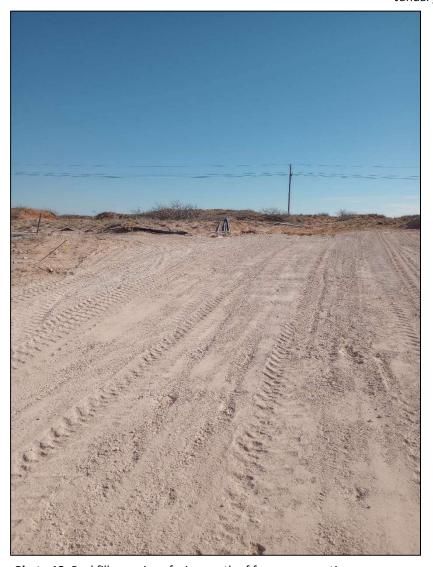


Photo 13: Backfill overview, facing south of former excavation

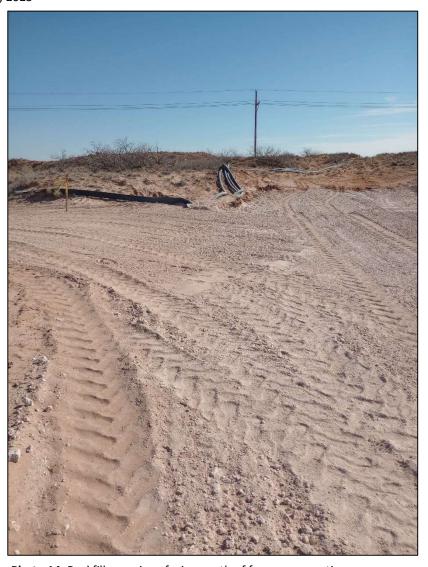


Photo 14: Backfill overview, facing south of former excavation

Photographic Log MR NM Operating, LLC Jackson B #029Y January 28, 2025

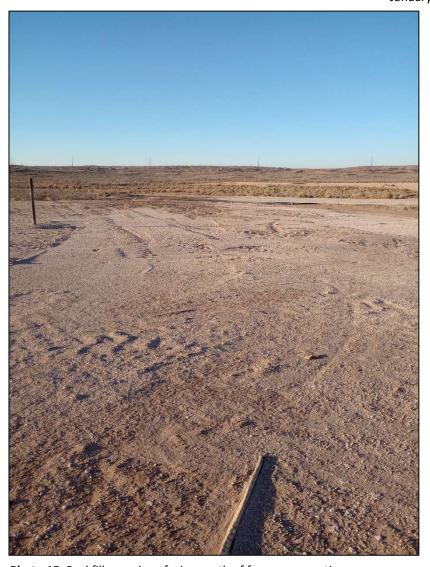


Photo 15: Backfill overview, facing north of former excavation



Photo 16: Backfill overview, facing west of norther portion of excavation



ATTACHMENT D

Laboratory Analytical Reports



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

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JOB DESCRIPTION

Jackson B29Y

JOB NUMBER

890-7453-1

Eurofins Carlsbad 1089 N Canal St. Carlsbad NM 88220

Eurofins Carlsbad

Job Notes

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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

Opi All

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

Eurofins Carlsbad is a laboratory within Eurofins Environment Testing South Central, LLC, a company within Eurofins Environment Testing Group of Companies

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Client: CDH Consulting

Laboratory Job ID: 890-7453-1

Project/Site: Jackson B29Y

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Definitions/Glossary

Client: CDH Consulting Job ID: 890-7453-1

Project/Site: Jackson B29Y

Qualifiers

GC VOA Qualifier

*+ LCS and/or LCSD is outside acceptance limits, high biased.

*1 LCS/LCSD RPD exceeds control limits.

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

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Case Narrative

Client: CDH Consulting Job ID: 890-7453-1 Project: Jackson B29Y

Job ID: 890-7453-1 **Eurofins Carlsbad**

> Job Narrative 890-7453-1

REVISION

The report being provided is a revision of the original report sent on 12/11/2024. The report (revision 1) is being revised due to the Chain of Custody was not included in the original submittal..

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 12/10/2024 3:21 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 -1.4°C.

GC VOA

Method 8021B: An incorrect volume of spiking solution was inadvertently added to the laboratory control sample (LCS), matrix spike (MS), AND/OR matrix spike duplicate (MSD) associated with preparation batch 880-97575 and analytical batch 880-97570. 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.

Diesel Range Organics

Method 8015MOD_NM: The method blank for preparation batch 880-97576 and analytical batch 880-97588 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.

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.

Client: CDH Consulting Job ID: 890-7453-1

Project/Site: Jackson B29Y

Client Sample ID: FL01@1'

Lab Sample ID: 890-7453-1

Date Collected: 12/10/24 10:02 Matrix: Solid
Date Received: 12/10/24 15:21

Sample Depth: 1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *+ *1	0.00200		mg/Kg		12/11/24 08:23	12/11/24 11:55	1
Ethylbenzene	<0.00200	U *+ *1	0.00200		mg/Kg		12/11/24 08:23	12/11/24 11:55	1
Toluene	<0.00200	U *+ *1	0.00200		mg/Kg		12/11/24 08:23	12/11/24 11:55	1
Xylenes, Total	<0.00401	U *+ *1	0.00401		mg/Kg		12/11/24 08:23	12/11/24 11:55	1
m-Xylene & p-Xylene	< 0.00401	U *+ *1	0.00401		mg/Kg		12/11/24 08:23	12/11/24 11:55	1
o-Xylene	<0.00200	U *+ *1	0.00200		mg/Kg		12/11/24 08:23	12/11/24 11:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				12/11/24 08:23	12/11/24 11:55	1
1,4-Difluorobenzene (Surr)	109		70 - 130				12/11/24 08:23	12/11/24 11:55	1

Method: TAL SUP Total BTEX	- Iotal BIE	x Calculati	on						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/11/24 11:55	1

Method. Syvo46 outs NW - Die	sei Kange Organics (Di	RO) (GC)					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0 U	50.0	mg/Kg			12/11/24 11:44	1

Method: SW846 8015B NM - D	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		12/11/24 08:24	12/11/24 11:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/11/24 08:24	12/11/24 11:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/11/24 08:24	12/11/24 11:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				12/11/24 08:24	12/11/24 11:44	1

Method: EPA 300.0 - A	nions, Ion Chromatograph	y - Soluble					
Analyte	Result Qualifier	· RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	329	9 92	ma/Ka			12/11/24 11·12	

70 - 130

95

Client Sample ID: FL02@2'

Date Collected: 12/10/24 10:09

Lab Sample ID: 890-7453-2

Matrix: Solid

Date Received: 12/10/24 15:21

Sample Depth: 2

o-Terphenyl

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U *+ *1	0.00202		mg/Kg		12/11/24 08:23	12/11/24 12:15	1
Ethylbenzene	<0.00202	U *+ *1	0.00202		mg/Kg		12/11/24 08:23	12/11/24 12:15	1
Toluene	<0.00202	U *+ *1	0.00202		mg/Kg		12/11/24 08:23	12/11/24 12:15	1
Xylenes, Total	<0.00403	U *+ *1	0.00403		mg/Kg		12/11/24 08:23	12/11/24 12:15	1
m-Xylene & p-Xylene	< 0.00403	U *+ *1	0.00403		mg/Kg		12/11/24 08:23	12/11/24 12:15	1
o-Xylene	<0.00202	U *+ *1	0.00202		mg/Kg		12/11/24 08:23	12/11/24 12:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				12/11/24 08:23	12/11/24 12:15	1

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12/11/24 08:24 12/11/24 11:44

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Client: CDH Consulting Job ID: 890-7453-1

Project/Site: Jackson B29Y

Date Received: 12/10/24 15:21

Client Sample ID: FL02@2' Lab Sample ID: 890-7453-2

Date Collected: 12/10/24 10:09 Matrix: Solid

Sample Depth: 2

Surrogate	%Recovery Qualifier	Limits	Prepared Ai	nalyzed Dil Fac
1 4-Difluorobenzene (Surr)	107	70 - 130	12/11/24 08:23 12/1	1/24 12:15

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		_	12/11/24 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	<50.0	U	50.0	ma/Ka			12/11/24 12:33	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	<50.0	U	50.0	mg/Kg		12/11/24 08:24	12/11/24 12:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		12/11/24 08:24	12/11/24 12:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		12/11/24 08:24	12/11/24 12:33	1
Currente	0/ December 1	Ovalifian	l imita			Dramarad	A malumad	Dil Faa

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	12/11/24 08:24	12/11/24 12:33	1
o-Terphenyl	85		70 - 130	12/11/24 08:24	12/11/24 12:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte		Qualifier	RL	MDL	Unit)	Prepared	Analyzed	Dil Fac
Chloride	666		10.1		mg/Kg			12/11/24 11:28	1

Client Sample ID: SW1

Date Collected: 12/10/24 10:13

Lab Sample ID: 890-7453-3

Matrix: Solid

Date Collected: 12/10/24 10:13 Date Received: 12/10/24 15:21

Method: SW846 8021B	- Volatile Organic Compounds (G	C

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *+ *1	0.00199	mg/Kg		12/11/24 08:23	12/11/24 12:36	1
Ethylbenzene	< 0.00199	U *+ *1	0.00199	mg/Kg		12/11/24 08:23	12/11/24 12:36	1
Toluene	< 0.00199	U *+ *1	0.00199	mg/Kg		12/11/24 08:23	12/11/24 12:36	1
Xylenes, Total	<0.00398	U *+ *1	0.00398	mg/Kg		12/11/24 08:23	12/11/24 12:36	1
m-Xylene & p-Xylene	< 0.00398	U *+ *1	0.00398	mg/Kg		12/11/24 08:23	12/11/24 12:36	1
o-Xylene	<0.00199	U *+ *1	0.00199	mg/Kg		12/11/24 08:23	12/11/24 12:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130			12/11/24 08:23	12/11/24 12:36	

4-Bromonaorobenzene (San)	110	70 - 130	12/11/24 00.25	12/11/24 12.50	,
1,4-Difluorobenzene (Surr)	106	70 - 130	12/11/24 08:23	12/11/24 12:36	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		ma/Ka				12/11/24 12:36		

Method: SW846 8015 NM	- Diesel Range Or	ganics (DRO) (0	C)
INICINICAL CATOTO CO 13 INIT	- Diesei Railge Oi	gaines (Divo) (JU,

mountain office to to the time	Diocol Hange	J. garmee ((3.10) (30)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/11/24 12:48	1

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Job ID: 890-7453-1

Client: CDH Consulting Project/Site: Jackson B29Y

Lab Sample ID: 890-7453-3 **Client Sample ID: SW1**

Date Collected: 12/10/24 10:13 **Matrix: Solid** Date Received: 12/10/24 15:21

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/11/24 08:24	12/11/24 12:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/11/24 08:24	12/11/24 12:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/11/24 08:24	12/11/24 12:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				12/11/24 08:24	12/11/24 12:48	1
o-Terphenyl	91		70 - 130				12/11/24 08:24	12/11/24 12:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac			
Chloride	405	10.0	mg/Kg			12/11/24 11:33	1			

Client Sample ID: SW2 Lab Sample ID: 890-7453-4

Date Collected: 12/10/24 10:17 **Matrix: Solid** Date Received: 12/10/24 15:21

Method: SW846 8021B - Vo	olatile Organic	Compoun	ds (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U *+ *1	0.00202		mg/Kg		12/11/24 08:23	12/11/24 12:56	1
Ethylbenzene	<0.00202	U *+ *1	0.00202		mg/Kg		12/11/24 08:23	12/11/24 12:56	1
Toluene	<0.00202	U *+ *1	0.00202		mg/Kg		12/11/24 08:23	12/11/24 12:56	1
Xylenes, Total	<0.00403	U *+ *1	0.00403		mg/Kg		12/11/24 08:23	12/11/24 12:56	1
m-Xylene & p-Xylene	< 0.00403	U *+ *1	0.00403		mg/Kg		12/11/24 08:23	12/11/24 12:56	1
o-Xylene	<0.00202	U *+ *1	0.00202		mg/Kg		12/11/24 08:23	12/11/24 12:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				12/11/24 08:23	12/11/24 12:56	1
1,4-Difluorobenzene (Surr)	108		70 - 130				12/11/24 08:23	12/11/24 12:56	1
		.							
Method: TAL SOP Total BT									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			12/11/24 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	<49.9	U	49.9		mg/Kg			12/11/24 13:05	1
- Method: SW846 8015B NM	l - Diesel Range	Organics	(DRO) (GC)						
	_	_				_			
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

o-Terphenyl	90		70 - 130		12/11/24 08:24	12/11/24 13:05	1
1-Chlorooctane	102		70 - 130		12/11/24 08:24	12/11/24 13:05	1
Surrogate	%Recovery Q	ualifier	Limits		Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9 U		49.9	mg/Kg	12/11/24 08:24	12/11/24 13:05	1
Diesel Range Organics (Over C10-C28)	<49.9 U		49.9	mg/Kg	12/11/24 08:24	12/11/24 13:05	1
(GRO)-C6-C10							

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Client Sample Results

Client: CDH Consulting Job ID: 890-7453-1

Project/Site: Jackson B29Y

Client Sample ID: SW2 Lab Sample ID: 890-7453-4

Date Collected: 12/10/24 10:17 Matrix: Solid

Date Received: 12/10/24 15:21

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Chloride	889		50.4		mg/Kg			12/11/24 11:38	5

Client Sample ID: SW3

Date Collected: 12/10/24 10:21

Lab Sample ID: 890-7453-5

Matrix: Solid

Date Received: 12/10/24 15:21

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *+ *1	0.00200		mg/Kg		12/11/24 08:23	12/11/24 13:17	1
Ethylbenzene	<0.00200	U *+ *1	0.00200		mg/Kg		12/11/24 08:23	12/11/24 13:17	1
Toluene	<0.00200	U *+ *1	0.00200		mg/Kg		12/11/24 08:23	12/11/24 13:17	1
Xylenes, Total	<0.00401	U *+ *1	0.00401		mg/Kg		12/11/24 08:23	12/11/24 13:17	1
m-Xylene & p-Xylene	<0.00401	U *+ *1	0.00401		mg/Kg		12/11/24 08:23	12/11/24 13:17	1
o-Xylene	<0.00200	U *+ *1	0.00200		mg/Kg		12/11/24 08:23	12/11/24 13:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				12/11/24 08:23	12/11/24 13:17	1
1.4-Difluorobenzene (Surr)	107		70 - 130				12/11/24 08:23	12/11/24 13:17	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			12/11/24 13:17	1	

Method: SW846 8015 NM - Die:	sel Range Organics (DF	RO) (GC)					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0 U	50.0	mg/Kg			12/11/24 13:21	1

Method: SW846 8015B NM - D	iesel 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		12/11/24 08:24	12/11/24 13:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/11/24 08:24	12/11/24 13:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/11/24 08:24	12/11/24 13:21	1
Surrogate 1-Chlorooctane	%Recovery	Qualifier	70 - 130				Prepared 12/11/24 08:24	Analyzed 12/11/24 13:21	Dil Fac

o-Terphenyl	83		70 - 130				12/11/24 08:24	12/11/24 13:21	1
Method: EPA 300.0 - Anions, I	on Chromat	ography - S	oluble						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	608		9.96		mg/Kg			12/11/24 11:44	1

Client Sample ID: FL06@20'

Date Collected: 12/10/24 10:57

Lab Sample ID: 890-7453-6

Matrix: Solid

Date Collected: 12/10/24 10:57 Date Received: 12/10/24 15:21

Sample Depth: 20

Method: SW846 8021B - Volatile Organic Compounds (GC)											
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Benzene	<0.00198	U *+ *1	0.00198		mg/Kg		12/11/24 08:23	12/11/24 13:37	1		
Ethylbenzene	<0.00198	U *+ *1	0.00198		mg/Kg		12/11/24 08:23	12/11/24 13:37	1		

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Client: CDH Consulting Job ID: 890-7453-1

Project/Site: Jackson B29Y

Client Sample ID: FL06@20' Lab Sample ID: 890-7453-6

Date Collected: 12/10/24 10:57 **Matrix: Solid**

Date Received: 12/10/24 15:21 Sample Depth: 20

Method: SW846 8021B - Vo	olatile Organic	Compoun	ds (GC) (Co	ntinued)				
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00198	U *+ *1	0.00198		mg/Kg		12/11/24 08:23	12/11/24 13:37	1
Xylenes, Total	< 0.00396	U *+ *1	0.00396		mg/Kg		12/11/24 08:23	12/11/24 13:37	1
m-Xylene & p-Xylene	< 0.00396	U *+ *1	0.00396		mg/Kg		12/11/24 08:23	12/11/24 13:37	1
o-Xylene	<0.00198	U *+ *1	0.00198		mg/Kg		12/11/24 08:23	12/11/24 13:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				12/11/24 08:23	12/11/24 13:37	1
1,4-Difluorobenzene (Surr)	107		70 - 130				12/11/24 08:23	12/11/24 13:37	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			12/11/24 13:37	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
	Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
	Total TPH	<49.9	U	49.9	mg/Kg			12/11/24 14:55	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	Ū	49.9		mg/Kg		12/11/24 08:24	12/11/24 14:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/11/24 08:24	12/11/24 14:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/11/24 08:24	12/11/24 14:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				12/11/24 08:24	12/11/24 14:55	1
o-Terphenyl	102		70 - 130				12/11/24 08:24	12/11/24 14:55	1

	Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
l	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Chloride	2460		49.6		mg/Kg			12/11/24 11:49	5

Lab Sample ID: 890-7453-7 Client Sample ID: FL07@20' Date Collected: 12/10/24 11:38 Matrix: Solid Date Received: 12/10/24 15:21

Sample Depth: 20

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *+ *1	0.00200		mg/Kg		12/11/24 08:23	12/11/24 13:58	1
Ethylbenzene	<0.00200	U *+ *1	0.00200		mg/Kg		12/11/24 08:23	12/11/24 13:58	1
Toluene	<0.00200	U *+ *1	0.00200		mg/Kg		12/11/24 08:23	12/11/24 13:58	1
Xylenes, Total	<0.00399	U *+ *1	0.00399		mg/Kg		12/11/24 08:23	12/11/24 13:58	1
m-Xylene & p-Xylene	<0.00399	U *+ *1	0.00399		mg/Kg		12/11/24 08:23	12/11/24 13:58	1
o-Xylene	<0.00200	U *+ *1	0.00200		mg/Kg		12/11/24 08:23	12/11/24 13:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				12/11/24 08:23	12/11/24 13:58	1
1.4-Difluorobenzene (Surr)	108		70 - 130				12/11/24 08:23	12/11/24 13:58	1

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Client Sample Results

Client: CDH Consulting Job ID: 890-7453-1

Project/Site: Jackson B29Y

Lab Sample ID: 890-7453-7 Client Sample ID: FL07@20' Date Collected: 12/10/24 11:38

Matrix: Solid

Date Received: 12/10/24 15:21 Sample Depth: 20

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			12/11/24 13:58	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			12/11/24 15:10	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/11/24 08:24	12/11/24 15:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/11/24 08:24	12/11/24 15:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/11/24 08:24	12/11/24 15:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				12/11/24 08:24	12/11/24 15:10	1
o-Terphenyl	84		70 - 130				12/11/24 08:24	12/11/24 15:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Chloride	2240		50.1		mg/Kg			12/11/24 11:54	5

Surrogate Summary

Client: CDH Consulting Job ID: 890-7453-1

Project/Site: Jackson B29Y

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

		5554		Surrogate Recovery (Acceptance Limits)
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-7453-1	FL01@1'	111	109	
890-7453-1 MS	FL01@1'	104	103	
890-7453-1 MSD	FL01@1'	110	105	
890-7453-2	FL02@2'	113	107	
890-7453-3	SW1	110	106	
890-7453-4	SW2	115	108	
890-7453-5	SW3	113	107	
890-7453-6	FL06@20'	109	107	
890-7453-7	FL07@20'	112	108	
LCS 880-97575/1-A	Lab Control Sample	109	102	
LCSD 880-97575/2-A	Lab Control Sample Dup	110	103	
MB 880-97575/5-A	Method Blank	110	101	

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid Prep Type: Total/NA

			Perc	ent Surrogate Red
		1001	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-7453-1	FL01@1'	102	95	
890-7453-1 MS	FL01@1'	93	90	
890-7453-1 MSD	FL01@1'	94	92	
890-7453-2	FL02@2'	95	85	
890-7453-3	SW1	102	91	
890-7453-4	SW2	102	90	
890-7453-5	SW3	94	83	
890-7453-6	FL06@20'	111	102	
890-7453-7	FL07@20'	91	84	
LCS 880-97576/2-A	Lab Control Sample	96	102	
LCSD 880-97576/3-A	Lab Control Sample Dup	108	108	
MB 880-97576/1-A	Method Blank	121	118	
Surrogate Legend				

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Client: CDH Consulting Job ID: 890-7453-1

Project/Site: Jackson B29Y

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-97575/5-A

Matrix: Solid

Analysis Batch: 97570

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 97575

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/11/24 08:23	12/11/24 11:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/11/24 08:23	12/11/24 11:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/11/24 08:23	12/11/24 11:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/11/24 08:23	12/11/24 11:33	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/11/24 08:23	12/11/24 11:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/11/24 08:23	12/11/24 11:33	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	12/11/24 08:23	12/11/24 11:33	1
1,4-Difluorobenzene (Surr)	101		70 - 130	12/11/24 08:23	12/11/24 11:33	1

Lab Sample ID: LCS 880-97575/1-A

Matrix: Solid

Analysis Batch: 97570

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 97575

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.2184	*+	mg/Kg		218	70 - 130	
Ethylbenzene	0.100	0.2104	*+	mg/Kg		210	70 - 130	
Toluene	0.100	0.2142	*+	mg/Kg		214	70 - 130	
m-Xylene & p-Xylene	0.200	0.4266	*+	mg/Kg		213	70 - 130	
o-Xylene	0.100	0.2190	*+	mg/Kg		219	70 - 130	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-97575/2-A

Matrix: Solid

Analysis Batch: 97570

Client Sample ID: Lab Control Sample Dup Prep Type: Total/NA

Prep Batch: 97575

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1149	*1	mg/Kg		115	70 - 130	62	35
Ethylbenzene	0.100	0.1109	*1	mg/Kg		111	70 - 130	62	35
Toluene	0.100	0.1127	*1	mg/Kg		113	70 - 130	62	35
m-Xylene & p-Xylene	0.200	0.2257	*1	mg/Kg		113	70 - 130	62	35
o-Xylene	0.100	0.1155	*1	mg/Kg		115	70 - 130	62	35

LCSD LCSD

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	110	70 - 130
1,4-Difluorobenzene (Surr)	103	70 - 130

Lab Sample ID: 890-7453-1 MS

Matrix: Solid

Analysis Batch: 97570

Client Sample ID: FL01@1'

Prep Type: Total/NA

Prep Batch: 97575

_	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U *+ *1	0.101	0.1122		mg/Kg		111	70 - 130	
Ethylbenzene	<0.00200	U *+ *1	0.101	0.1065		mg/Kg		106	70 - 130	

Client Sample ID: FL01@1'

70 _ 130

Client Sample ID: FL01@1'

Prep Type: Total/NA

QC Sample Results

Client: CDH Consulting Job ID: 890-7453-1

Project/Site: Jackson B29Y

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

Lab Sample ID: 890-7453-1 MS **Matrix: Solid**

o-Xylene

o-Xylene

Analysis Batch: 97570 Prep Batch: 97575 MS MS Sample Sample Spike %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Toluene <0.00200 U *+ *1 0 101 0.1092 mg/Kg 108 70 - 130 m-Xylene & p-Xylene <0.00401 U *+ *1 0.202 0.2151 mg/Kg 107 70 - 130 <0.00200 U*+*1 0.1100

mg/Kg

mg/Kg

109

113

70 - 130

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

0.101

MS MS Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 70 - 130 104 103 70 - 130 1,4-Difluorobenzene (Surr)

Lab Sample ID: 890-7453-1 MSD

Matrix: Solid Prep Type: Total/NA Prep Batch: 97575 **Analysis Batch: 97570** Sample Sample Spike MSD MSD %Rec **RPD** Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit Analyte <0.00200 U *+ *1 0.0998 70 - 130 3 35 Benzene 0.1154 mg/Kg 116 0.0998 0.1087 109 35 Ethylbenzene <0.00200 U *+ *1 mg/Kg 70 - 130 2 Toluene <0.00200 U *+ *1 0.0998 0.1116 mg/Kg 112 70 - 130 2 35 0.200 0.2217 111 70 - 130 3 35 m-Xylene & p-Xylene <0.00401 U *+ *1 mq/Kq

0 1132

0.0998

MSD MSD Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 70 - 130 110 1,4-Difluorobenzene (Surr) 105 70 - 130

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

<0.00200 U *+ *1

Lab Sample ID: MB 880-97576/1-A

Matrix: Solid

Prep Type: Total/NA **Analysis Batch: 97588** Prep Batch: 97576 MB MB Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac <50.0 U 50.0 12/11/24 08:24 12/11/24 09:06 Gasoline Range Organics mg/Kg

(GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 50.0 12/11/24 08:24 12/11/24 09:06 mg/Kg C10-C28) Oil Range Organics (Over C28-C36) <50.0 U 50.0 mg/Kg 12/11/24 08:24 12/11/24 09:06 MB MB

Surrogate %Recovery Qualifier Limits Prepared Dil Fac Analyzed 1-Chlorooctane 70 - 13012/11/24 08:24 12/11/24 09:06 121 12/11/24 08:24 12/11/24 09:06 o-Terphenyl 118 70 - 130

Lab Sample ID: LCS 880-97576/2-A

Matrix: Solid Prep Type: Total/NA **Analysis Batch: 97588** Prep Batch: 97576 Spike LCS LCS %Rec Qualifier Analyte Added Result Unit %Rec Limits 1000 939.3 94 70 - 130 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 904.8 mg/Kg 90 70 - 130 C10-C28)

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Client: CDH Consulting Job ID: 890-7453-1

Project/Site: Jackson B29Y

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

Lab Sample ID: LCS 880-97576/2-A

Matrix: Solid

Analysis Batch: 97588

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 97576

LCS LCS %Recovery Qualifier Limits Surrogate 1-Chlorooctane 96 70 - 130 o-Terphenyl 102 70 - 130

Client Sample ID: Lab Control Sample Dup Lab Sample ID: LCSD 880-97576/3-A

Matrix: Solid

Analysis Batch: 97588

Prep Type: Total/NA

Prep Batch: 97576

LCSD LCSD %Rec RPD Spike Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Gasoline Range Organics 1000 1098 mg/Kg 110 70 - 130 16 20 (GRO)-C6-C10 Diesel Range Organics (Over 1000 1008 mg/Kg 101 70 - 130 11 20 C10-C28)

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	108		70 - 130
o-Terphenyl	108		70 - 130

Lab Sample ID: 890-7453-1 MS

Matrix: Solid

Analysis Batch: 97588

Client Sample ID: FL01@1' **Prep Type: Total/NA**

Prep Batch: 97576

Sample Sample Spike MS MS %Rec Result Qualifier Added Result Qualifier Limits Analyte Unit D %Rec <50.0 U Gasoline Range Organics 994 791.5 mg/Kg 80 70 - 130 (GRO)-C6-C10 994 Diesel Range Organics (Over <50.0 U 757.8 mg/Kg 76 70 - 130

C10-C28)

	MS MS	
Surrogate	%Recovery Qualifier	Limits
1-Chlorooctane	93	70 - 130
o-Terphenyl	90	70 - 130

Client Sample ID: FL01@1' Lab Sample ID: 890-7453-1 MSD

Matrix: Solid

Analysis Batch: 97588

Prep Type: Total/NA

Prep Batch: 97576 %Rec **RPD**

Sample Sample Spike MSD MSD Result Qualifier Added Result Qualifier Limits **RPD** Limit Analyte Unit %Rec <50.0 U 994 827.9 83 70 - 130 20 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 994 761.3 mg/Kg 77 70 - 130 0 20

C10-C28)

MSD	MSD	
%Recovery	Qualifier	Limits
 94		70 - 130

Surrogate 1-Chlorooctane 70 - 130 o-Terphenyl 92

QC Sample Results

Client: CDH Consulting Job ID: 890-7453-1

Project/Site: Jackson B29Y

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-97567/1-A **Client Sample ID: Method Blank Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 97585

MB MB

Analyte Result Qualifier RL **MDL** Unit Analyzed Dil Fac **Prepared** Chloride 10.0 12/11/24 09:21 <10.0 U mg/Kg

Lab Sample ID: LCS 880-97567/2-A **Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Soluble**

Analysis Batch: 97585

Spike LCS LCS %Rec **Analyte** Added Result Qualifier Unit D %Rec Limits Chloride 250 230.8 90 - 110 mg/Kg 92

Lab Sample ID: LCSD 880-97567/3-A Client Sample ID: Lab Control Sample Dup **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 97585

Spike LCSD LCSD %Rec RPD Analyte Added Result Qualifier Limits RPD Limit Unit %Rec Chloride 250 231.0 92 90 - 110 20 mg/Kg

QC Association Summary

Client: CDH Consulting Job ID: 890-7453-1 Project/Site: Jackson B29Y

GC VOA

Analysis Batch: 97570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7453-1	FL01@1'	Total/NA	Solid	8021B	97575
890-7453-2	FL02@2'	Total/NA	Solid	8021B	97575
890-7453-3	SW1	Total/NA	Solid	8021B	97575
890-7453-4	SW2	Total/NA	Solid	8021B	97575
890-7453-5	SW3	Total/NA	Solid	8021B	97575
890-7453-6	FL06@20'	Total/NA	Solid	8021B	97575
890-7453-7	FL07@20'	Total/NA	Solid	8021B	97575
MB 880-97575/5-A	Method Blank	Total/NA	Solid	8021B	97575
LCS 880-97575/1-A	Lab Control Sample	Total/NA	Solid	8021B	97575
LCSD 880-97575/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	97575
890-7453-1 MS	FL01@1'	Total/NA	Solid	8021B	97575
890-7453-1 MSD	FL01@1'	Total/NA	Solid	8021B	97575

Prep Batch: 97575

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7453-1	FL01@1'	Total/NA	Solid	5035	
890-7453-2	FL02@2'	Total/NA	Solid	5035	
890-7453-3	SW1	Total/NA	Solid	5035	
890-7453-4	SW2	Total/NA	Solid	5035	
890-7453-5	SW3	Total/NA	Solid	5035	
890-7453-6	FL06@20'	Total/NA	Solid	5035	
890-7453-7	FL07@20'	Total/NA	Solid	5035	
MB 880-97575/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-97575/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-97575/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7453-1 MS	FL01@1'	Total/NA	Solid	5035	
890-7453-1 MSD	FL01@1'	Total/NA	Solid	5035	

Analysis Batch: 97651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7453-1	FL01@1'	Total/NA	Solid	Total BTEX	
890-7453-2	FL02@2'	Total/NA	Solid	Total BTEX	
890-7453-3	SW1	Total/NA	Solid	Total BTEX	
890-7453-4	SW2	Total/NA	Solid	Total BTEX	
890-7453-5	SW3	Total/NA	Solid	Total BTEX	
890-7453-6	FL06@20'	Total/NA	Solid	Total BTEX	
890-7453-7	FL07@20'	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 97576

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7453-1	FL01@1'	Total/NA	Solid	8015NM Prep	
890-7453-2	FL02@2'	Total/NA	Solid	8015NM Prep	
890-7453-3	SW1	Total/NA	Solid	8015NM Prep	
890-7453-4	SW2	Total/NA	Solid	8015NM Prep	
890-7453-5	SW3	Total/NA	Solid	8015NM Prep	
890-7453-6	FL06@20'	Total/NA	Solid	8015NM Prep	
890-7453-7	FL07@20'	Total/NA	Solid	8015NM Prep	
MB 880-97576/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-97576/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: CDH Consulting Job ID: 890-7453-1 Project/Site: Jackson B29Y

GC Semi VOA (Continued)

Prep Batch: 97576 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-97576/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7453-1 MS	FL01@1'	Total/NA	Solid	8015NM Prep	
890-7453-1 MSD	FL01@1'	Total/NA	Solid	8015NM Prep	

Analysis Batch: 97588

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7453-1	FL01@1'	Total/NA	Solid	8015B NM	97576
890-7453-2	FL02@2'	Total/NA	Solid	8015B NM	97576
890-7453-3	SW1	Total/NA	Solid	8015B NM	97576
890-7453-4	SW2	Total/NA	Solid	8015B NM	97576
890-7453-5	SW3	Total/NA	Solid	8015B NM	97576
890-7453-6	FL06@20'	Total/NA	Solid	8015B NM	97576
890-7453-7	FL07@20'	Total/NA	Solid	8015B NM	97576
MB 880-97576/1-A	Method Blank	Total/NA	Solid	8015B NM	97576
LCS 880-97576/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	97576
LCSD 880-97576/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	97576
890-7453-1 MS	FL01@1'	Total/NA	Solid	8015B NM	97576
890-7453-1 MSD	FL01@1'	Total/NA	Solid	8015B NM	97576

Analysis Batch: 97655

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7453-1	FL01@1'	Total/NA	Solid	8015 NM	
890-7453-2	FL02@2'	Total/NA	Solid	8015 NM	
890-7453-3	SW1	Total/NA	Solid	8015 NM	
890-7453-4	SW2	Total/NA	Solid	8015 NM	
890-7453-5	SW3	Total/NA	Solid	8015 NM	
890-7453-6	FL06@20'	Total/NA	Solid	8015 NM	
890-7453-7	FL07@20'	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 97567

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7453-1	FL01@1'	Soluble	Solid	DI Leach	
890-7453-2	FL02@2'	Soluble	Solid	DI Leach	
890-7453-3	SW1	Soluble	Solid	DI Leach	
890-7453-4	SW2	Soluble	Solid	DI Leach	
890-7453-5	SW3	Soluble	Solid	DI Leach	
890-7453-6	FL06@20'	Soluble	Solid	DI Leach	
890-7453-7	FL07@20'	Soluble	Solid	DI Leach	
MB 880-97567/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-97567/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-97567/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 97585

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7453-1	FL01@1'	Soluble	Solid	300.0	97567
890-7453-2	FL02@2'	Soluble	Solid	300.0	97567
890-7453-3	SW1	Soluble	Solid	300.0	97567
890-7453-4	SW2	Soluble	Solid	300.0	97567
890-7453-5	SW3	Soluble	Solid	300.0	97567

QC Association Summary

Client: CDH Consulting

Job ID: 890-7453-1

Project/Site: Jackson B29Y

HPLC/IC (Continued)

Analysis Batch: 97585 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7453-6	FL06@20'	Soluble	Solid	300.0	97567
890-7453-7	FL07@20'	Soluble	Solid	300.0	97567
MB 880-97567/1-A	Method Blank	Soluble	Solid	300.0	97567
LCS 880-97567/2-A	Lab Control Sample	Soluble	Solid	300.0	97567
LCSD 880-97567/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	97567

4

4

5

9

10

12

Job ID: 890-7453-1

Client: CDH Consulting Project/Site: Jackson B29Y

Client Sample ID: FL01@1'

Date Collected: 12/10/24 10:02 Date Received: 12/10/24 15:21

Lab Sample ID: 890-7453-1

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			97575	MNR	EET MID	12/11/24 08:23
Total/NA	Analysis	8021B		1	97570	MNR	EET MID	12/11/24 11:55
Total/NA	Analysis	Total BTEX		1	97651	AJ	EET MID	12/11/24 11:55
Total/NA	Analysis	8015 NM		1	97655	AJ	EET MID	12/11/24 11:44
Total/NA	Prep	8015NM Prep			97576	EL	EET MID	12/11/24 08:24
Total/NA	Analysis	8015B NM		1	97588	TKC	EET MID	12/11/24 11:44
Soluble	Leach	DI Leach			97567	SA	EET MID	12/11/24 07:50
Soluble	Analysis	300.0		1	97585	CH	EET MID	12/11/24 11:12

Client Sample ID: FL02@2' Lab Sample ID: 890-7453-2 Date Collected: 12/10/24 10:09 **Matrix: Solid**

Date Received: 12/10/24 15:21

Date Received: 12/10/24 15:21

Batch Batch Dilution Batch Prepared Method or Analyzed **Prep Type** Type Run **Factor Number Analyst** Lab Total/NA 5035 97575 MNR EET MID 12/11/24 08:23 Prep 8021B **EET MID** Total/NA 97570 MNR 12/11/24 12:15 Analysis 1 Total/NA Total BTEX 12/11/24 12:15 Analysis 1 97651 AJ **EET MID** Total/NA 8015 NM Analysis 1 97655 AJ **EET MID** 12/11/24 12:33 Total/NA Prep 8015NM Prep 97576 EL **EET MID** 12/11/24 08:24 Total/NA 8015B NM 97588 TKC **EET MID** Analysis 1 12/11/24 12:33 Soluble **EET MID** 12/11/24 07:50 Leach DI Leach 97567 SA 300.0 97585 CH 12/11/24 11:28 Soluble Analysis 1 **EET MID**

Client Sample ID: SW1 Lab Sample ID: 890-7453-3 Date Collected: 12/10/24 10:13

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			97575	MNR	EET MID	12/11/24 08:23
Total/NA	Analysis	8021B		1	97570	MNR	EET MID	12/11/24 12:36
Total/NA	Analysis	Total BTEX		1	97651	AJ	EET MID	12/11/24 12:36
Total/NA	Analysis	8015 NM		1	97655	AJ	EET MID	12/11/24 12:48
Total/NA	Prep	8015NM Prep			97576	EL	EET MID	12/11/24 08:24
Total/NA	Analysis	8015B NM		1	97588	TKC	EET MID	12/11/24 12:48
Soluble	Leach	DI Leach			97567	SA	EET MID	12/11/24 07:50
Soluble	Analysis	300.0		1	97585	CH	EET MID	12/11/24 11:33

Client Sample ID: SW2 Lab Sample ID: 890-7453-4 Date Collected: 12/10/24 10:17 Matrix: Solid

Date Received: 12/10/24 15:21

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			97575	MNR	EET MID	12/11/24 08:23
Total/NA	Analysis	8021B		1	97570	MNR	EET MID	12/11/24 12:56
Total/NA	Analysis	Total BTEX		1	97651	AJ	EET MID	12/11/24 12:56

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Matrix: Solid

12/11/2024 (Rev. 1)

Client Sample ID: SW2

Lab Sample ID: 890-7453-4

Matrix: Solid

Date Collected: 12/10/24 10:17 Date Received: 12/10/24 15:21

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Analysis	8015 NM			97655	AJ	EET MID	12/11/24 13:05
Total/NA	Prep	8015NM Prep			97576	EL	EET MID	12/11/24 08:24
Total/NA	Analysis	8015B NM		1	97588	TKC	EET MID	12/11/24 13:05
Soluble	Leach	DI Leach			97567	SA	EET MID	12/11/24 07:50
Soluble	Analysis	300.0		5	97585	CH	EET MID	12/11/24 11:38

Lab Sample ID: 890-7453-5

Matrix: Solid

Date Collected: 12/10/24 10:21 Date Received: 12/10/24 15:21

Client Sample ID: SW3

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			97575	MNR	EET MID	12/11/24 08:23
Total/NA	Analysis	8021B		1	97570	MNR	EET MID	12/11/24 13:17
Total/NA	Analysis	Total BTEX		1	97651	AJ	EET MID	12/11/24 13:17
Total/NA	Analysis	8015 NM		1	97655	AJ	EET MID	12/11/24 13:21
Total/NA	Prep	8015NM Prep			97576	EL	EET MID	12/11/24 08:24
Total/NA	Analysis	8015B NM		1	97588	TKC	EET MID	12/11/24 13:21
Soluble	Leach	DI Leach			97567	SA	EET MID	12/11/24 07:50
Soluble	Analysis	300.0		1	97585	CH	EET MID	12/11/24 11:44

Client Sample ID: FL06@20' Lab Sample ID: 890-7453-6 Date Collected: 12/10/24 10:57 **Matrix: Solid**

Date Received: 12/10/24 15:21

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			97575	MNR	EET MID	12/11/24 08:23
Total/NA	Analysis	8021B		1	97570	MNR	EET MID	12/11/24 13:37
Total/NA	Analysis	Total BTEX		1	97651	AJ	EET MID	12/11/24 13:37
Total/NA	Analysis	8015 NM		1	97655	AJ	EET MID	12/11/24 14:55
Total/NA	Prep	8015NM Prep			97576	EL	EET MID	12/11/24 08:24
Total/NA	Analysis	8015B NM		1	97588	TKC	EET MID	12/11/24 14:55
Soluble	Leach	DI Leach			97567	SA	EET MID	12/11/24 07:50
Soluble	Analysis	300.0		5	97585	CH	EET MID	12/11/24 11:49

Client Sample ID: FL07@20' Lab Sample ID: 890-7453-7

Date Collected: 12/10/24 11:38 Date Received: 12/10/24 15:21

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			97575	MNR	EET MID	12/11/24 08:23
Total/NA	Analysis	8021B		1	97570	MNR	EET MID	12/11/24 13:58
Total/NA	Analysis	Total BTEX		1	97651	AJ	EET MID	12/11/24 13:58
Total/NA	Analysis	8015 NM		1	97655	AJ	EET MID	12/11/24 15:10
Total/NA	Prep	8015NM Prep			97576	EL	EET MID	12/11/24 08:24
Total/NA	Analysis	8015B NM		1	97588	TKC	EET MID	12/11/24 15:10

Eurofins Carlsbad

Matrix: Solid

Lab Chronicle

Client: CDH Consulting Job ID: 890-7453-1

Project/Site: Jackson B29Y

Client Sample ID: FL07@20' Lab Sample ID: 890-7453-7

Matrix: Solid

Date Collected: 12/10/24 11:38 Date Received: 12/10/24 15:21

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Soluble	Leach	DI Leach			97567	SA	EET MID	12/11/24 07:50
Soluble	Analysis	300.0		5	97585	CH	EET MID	12/11/24 11:54

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

Job ID: 890-7453-1

Project/Site: Jackson B29Y

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

uthority	Progra	am	Identification Number	Expiration Date
exas	NELAI	D	T104704400	06-30-25
The fall accions are all the	:_ : :_ # -:			9
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for which the agency	does not offer certification		, , ,	ity. This list may inci
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for which the agency	does not offer certification		, , ,	ity. This list may inci

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Method Summary

Client: CDH Consulting Project/Site: Jackson B29Y Job ID: 890-7453-1

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

Eurofins Carlsbad

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Sample Summary

Client: CDH Consulting Project/Site: Jackson B29Y Job ID: 890-7453-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7453-1	FL01@1'	Solid	12/10/24 10:02	12/10/24 15:21	1
890-7453-2	FL02@2'	Solid	12/10/24 10:09	12/10/24 15:21	2
890-7453-3	SW1	Solid	12/10/24 10:13	12/10/24 15:21	
890-7453-4	SW2	Solid	12/10/24 10:17	12/10/24 15:21	
890-7453-5	SW3	Solid	12/10/24 10:21	12/10/24 15:21	
890-7453-6	FL06@20'	Solid	12/10/24 10:57	12/10/24 15:21	20
890-7453-7	FL07@20'	Solid	12/10/24 11:38	12/10/24 15:21	20

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Work Order No:

Viidland, TX (432) 704-5440, San Antonio, TX (210) 509-3334

Environment Testing

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Xenco

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300 Chain of Custody

Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199 EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296

Date/Time

Received by: (Signature)

Relinquished by: (Signature)

Date/Time 15. 每以

Received by: (Signature)

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MICHAEL WICKEY	Y. Kr	Bill to: (if different)	nt)					
CDH Consulting	ing	Company Name:	.i.				Program: UST	
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1 clision 8-3914		Turn Around				ANALYSIS REQUEST	REQUEST	Preservative Codes
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	Due Date:	244						Cool: Cool MeOH: Me
Doboctan Cueto		the day received by						HCL: HC HNO 3: HN
	the lab, if	the lab, if received by 4:30pm	-		-			H ₂ SO ₄ : H ₂ NaOH: Na
Temp Blank:	(Yes No Wet Ice:	No sey	eters	2				H ₃ PO ₄ : HP
Kes No Th	Thermometer ID:	TN wer	ram	267				NaHSO 4: NABIS
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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 TCLP/SPLP6010:8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U otice: 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 affared terms and conditions 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 Circle Method(s) and Metal(s) to be analyzed

200.8 / 6020:

Total 200.7 / 6010

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 Tl Sn U V Zn

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Hg: 1631 / 245.1 / 7470 / 7471

12/11/2024 (Rev. 1)

Login Sample Receipt Checklist

Client: CDH Consulting Job Number: 890-7453-1

Login Number: 7453 List Source: Eurofins Carlsbad

List Number: 1

Creator: Lopez, Abraham

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: 890-7453-1

Login Number: 7453 **List Source: Eurofins Midland** List Creation: 12/11/24 08:13 AM List Number: 2

Creator: Laing, Edmundo

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	N/A	

<6mm (1/4").

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/12/2024 8:02:11 PM

JOB DESCRIPTION

JACKSON B - 29Y

JOB NUMBER

890-7458-1

Eurofins Carlsbad 1089 N Canal St. Carlsbad NM 88220

See page two for job notes and contact information

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

Opi All

Generated 12/12/2024 8:02:11 PM

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

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Client: CDH Consulting

Laboratory Job ID: 890-7458-1

Project/Site: JACKSON B - 29Y

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Definitions/Glossary

Client: CDH Consulting Job ID: 890-7458-1

Project/Site: JACKSON B - 29Y

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.
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
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not
	applicable.
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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)

Eurofins Carlsbad

Toxicity Equivalent Quotient (Dioxin)

Too Numerous To Count

TEQ

TNTC

Case Narrative

Client: CDH Consulting Job ID: 890-7458-1 Project: JACKSON B - 29Y

Eurofins Carlsbad Job ID: 890-7458-1

Job Narrative 890-7458-1

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 12/11/2024 3:10 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 1.2°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SW 11 (890-7458-1), SW 13 (890-7458-2), SW 12 (890-7458-3), SW 14 (890-7458-4), FL 03 @ 1' (890-7458-5), FL 04 @ 1' (890-7458-6), SW 4 (890-7458-7), SW 5 (890-7458-8), FL 05 @ 2' (890-7458-9), FL 08 @ 4' (890-7458-10), FL 09 @ 4' (890-7458-11), FL 10 @ 4' (890-7458-12), FL 11 @ 4' (890-7458-13), FL 12 @ 4' (890-7458-14), SW 08 (890-7458-15), SW 09 (890-7458-16) and SW 10 (890-7458-17).

GC VOA

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-97685 and analytical batch 880-97700 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-97685 and analytical batch 880-97700 was outside the upper control limits.

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 method blank for preparation batch 880-97669 and analytical batch 880-97688 contained Gasoline Range Organics (GRO)-C6-C10 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: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-97696 and analytical batch 880-97678 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10.

Method 8015MOD NM: Surrogate recovery for the following samples were outside control limits: SW 5 (890-7458-8) and FL 05 @ 2' (890-7458-9). 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 880-97673 and analytical batch 880-97684 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.

Client Sample Results

Client: CDH Consulting Job ID: 890-7458-1

Project/Site: JACKSON B - 29Y

Client Sample ID: SW 11 Lab Sample ID: 890-7458-1

Date Collected: 12/11/24 00:00 Matrix: Solid

Date Received: 12/11/24 15:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		12/12/24 09:12	12/12/24 13:05	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/12/24 09:12	12/12/24 13:05	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/12/24 09:12	12/12/24 13:05	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/12/24 09:12	12/12/24 13:05	1
m-Xylene & p-Xylene	< 0.00396	U	0.00396		mg/Kg		12/12/24 09:12	12/12/24 13:05	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/12/24 09:12	12/12/24 13:05	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	102		70 - 130				12/12/24 09:12	12/12/24 13:05	
1,4-Difluorobenzene (Surr)	90		70 - 130				12/12/24 09:12	12/12/24 13:05	1
Method: TAL SOP Total BTEX -	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			12/12/24 13:05	
		ics (DRO) (GC)						
Method: SW846 8015 NM - Diese Analyte	el Range Organ Result	ics (DRO) (RL	MDL	Unit	<u>D</u>	Prepared	Analyzed	
Method: SW846 8015 NM - Diese Analyte	el Range Organ	• • • • • • • • • • • • • • • • • • • •	•	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 12/12/24 13:26	
Method: SW846 8015 NM - Diese Analyte Total TPH	el Range Organ Result 68.4	Qualifier	RL 49.7	MDL		<u>D</u>	Prepared		
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Die	el Range Organ Result 68.4 sel Range Orga	Qualifier	RL 49.7			<u>D</u>	Prepared Prepared		
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics	el Range Organ Result 68.4 sel Range Orga	Qualifier nics (DRO) Qualifier	RL 49.7		mg/Kg			12/12/24 13:26	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	el Range Organ Result 68.4 sel Range Orga Result	Qualifier nics (DRO) Qualifier	RL 49.7 (GC)		mg/Kg		Prepared	12/12/24 13:26 Analyzed	Dil Fa
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	el Range Organ Result 68.4 sel Range Orga Result <49.7	Qualifier nics (DRO) Qualifier U	RL 49.7 (GC) RL 49.7		mg/Kg Unit mg/Kg		Prepared 12/12/24 08:17	12/12/24 13:26 Analyzed 12/12/24 13:26	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	el Range Organ Result 68.4 sel Range Orga Result <49.7 68.4	Qualifier nics (DRO) Qualifier U	RL 49.7 (GC) RL 49.7 49.7		mg/Kg Unit mg/Kg mg/Kg		Prepared 12/12/24 08:17 12/12/24 08:17	12/12/24 13:26 Analyzed 12/12/24 13:26 12/12/24 13:26	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	el Range Organ Result 68.4 sel Range Orga Result <49.7	Qualifier nics (DRO) Qualifier U	RL 49.7 (GC) RL 49.7 49.7 49.7		mg/Kg Unit mg/Kg mg/Kg		Prepared 12/12/24 08:17 12/12/24 08:17 12/12/24 08:17	Analyzed 12/12/24 13:26 12/12/24 13:26 12/12/24 13:26 12/12/24 13:26	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	el Range Organ Result 68.4 sel Range Orga Result <49.7 68.4 <49.7 %Recovery	Qualifier nics (DRO) Qualifier U	RL 49.7		mg/Kg Unit mg/Kg mg/Kg		Prepared 12/12/24 08:17 12/12/24 08:17 12/12/24 08:17 Prepared	Analyzed 12/12/24 13:26 Analyzed 12/12/24 13:26 12/12/24 13:26 12/12/24 13:26 Analyzed	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	el Range Organ	Qualifier nics (DRO) Qualifier U	RL 49.7 (GC) RL 49.7 49.7 49.7 Limits 70 - 130 70 - 130		mg/Kg Unit mg/Kg mg/Kg		Prepared 12/12/24 08:17 12/12/24 08:17 12/12/24 08:17 Prepared 12/12/24 08:17	Analyzed 12/12/24 13:26 Analyzed 12/12/24 13:26 12/12/24 13:26 Analyzed 12/12/24 13:26	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chloroctane o-Terphenyl Method: EPA 300.0 - Anions, Ioranlyte	el Range Organ Result 68.4 sel Range Orga Result <49.7 68.4 <49.7 %Recovery 89 79 n Chromatograp	Qualifier nics (DRO) Qualifier U	RL 49.7 (GC) RL 49.7 49.7 49.7 Limits 70 - 130 70 - 130	MDL	mg/Kg Unit mg/Kg mg/Kg		Prepared 12/12/24 08:17 12/12/24 08:17 12/12/24 08:17 Prepared 12/12/24 08:17	Analyzed 12/12/24 13:26 Analyzed 12/12/24 13:26 12/12/24 13:26 Analyzed 12/12/24 13:26	Dil Fac

Client Sample ID: SW 13 Lab Sample ID: 890-7458-2 Date Collected: 12/11/24 07:26 **Matrix: Solid**

Date Received: 12/11/24 15:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:01	12/12/24 11:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:01	12/12/24 11:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:01	12/12/24 11:31	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/12/24 09:01	12/12/24 11:31	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/12/24 09:01	12/12/24 11:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:01	12/12/24 11:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				12/12/24 09:01	12/12/24 11:31	1
1,4-Difluorobenzene (Surr)	107		70 - 130				12/12/24 09:01	12/12/24 11:31	1

Client Sample Results

Client: CDH Consulting Job ID: 890-7458-1

Project/Site: JACKSON B - 29Y

Client Sample ID: SW 13 Lab Sample ID: 890-7458-2

D Date Received: 12/11/24 15:10

onent cample ib. ovv 10	Eab Gample 15: 030-7 400-2
Date Collected: 12/11/24 07:26	Matrix: Solid

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 12/12/24 11:31 mg/Kg Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC) Result Qualifier RL MDL Unit Prepared D Analyzed Dil Fac Total TPH <49.9 U 49.9 12/12/24 11:25 mg/Kg Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) Result Qualifier RL MDL Unit Analyte D Prepared Dil Fac Analyzed <49.9 U 49.9 12/12/24 11:25 12/12/24 09:27 Gasoline Range Organics mg/Kg (GRO)-C6-C10 49.9 Diesel Range Organics (Over <49.9 U mg/Kg 12/12/24 09:27 12/12/24 11:25 C10-C28) Oil Range Organics (Over C28-C36) <49.9 U 49.9 mg/Kg 12/12/24 09:27 12/12/24 11:25 Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 70 - 130 1-Chlorooctane 102 12/12/24 09:27 12/12/24 11:25 o-Terphenyl 78 70 - 130 12/12/24 09:27 12/12/24 11:25 Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Result Qualifier Analyte RL MDL Unit D Prepared Analyzed Dil Fac

Client Sample ID: SW 12 Lab Sample ID: 890-7458-3 Date Collected: 12/11/24 07:30

9.96

mg/Kg

790

Date Received: 12/11/24 15:10

Released to Imaging: 11/5/2025 3:23:11 PM

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:01	12/12/24 12:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:01	12/12/24 12:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:01	12/12/24 12:53	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/12/24 09:01	12/12/24 12:53	1
m-Xylene & p-Xylene	< 0.00401	U	0.00401		mg/Kg		12/12/24 09:01	12/12/24 12:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:01	12/12/24 12:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130				12/12/24 09:01	12/12/24 12:53	1
1,4-Difluorobenzene (Surr) Method: TAL SOP Total BTEX	107 - Total BTEX Cald	culation	70 - 130				12/12/24 09:01	12/12/24 12:53	1
Method: TAL SOP Total BTEX Analyte	- Total BTEX Cald	Qualifier	RL	MDL	Unit ma/Ka	<u>D</u>	12/12/24 09:01 Prepared	Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX	- Total BTEX Calc Result <0.00401	Qualifier U	RL 0.00401	MDL	Unit mg/Kg	<u>D</u>			•
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Dies	- Total BTEX Calc Result <0.00401 sel Range Organ	Qualifier U	RL 0.00401			<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte	- Total BTEX Calc Result <0.00401 sel Range Organ	Qualifier U ics (DRO) (Qualifier	RL 0.00401		mg/Kg		Prepared	Analyzed 12/12/24 12:53	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die: Analyte	- Total BTEX Calc Result <	Qualifier U ics (DRO) (Qualifier U	RL 0.00401 GC) RL 49.9		mg/Kg		Prepared	Analyzed 12/12/24 12:53 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Dies Analyte Total TPH Method: SW846 8015B NM - Diese	- Total BTEX Calc Result <0.00401 sel Range Organ Result <49.9	Qualifier U ics (DRO) (Qualifier U	RL 0.00401 GC) RL 49.9	MDL	mg/Kg		Prepared	Analyzed 12/12/24 12:53 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die: Analyte Total TPH	- Total BTEX Calc Result <0.00401 sel Range Organ Result <49.9	Qualifier U ics (DRO) (Qualifier U nics (DRO) Qualifier	RL 0.00401 GC) RL 49.9	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 12/12/24 12:53 Analyzed 12/12/24 12:12	Dil Fac Dil Fac

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12/12/24 12:21

Matrix: Solid

Job ID: 890-7458-1

Client: CDH Consulting Project/Site: JACKSON B - 29Y

Client Sample ID: SW 12

Lab Sample ID: 890-7458-3

Date Collected: 12/11/24 07:30 Matrix: Solid

Date Received: 12/11/24 15:10

Method: SW846 8015B NM - Di	iesel Range Organics (DRO) (GC)	(Continued)	

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		12/12/24 09:27	12/12/24 12:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130			12/12/24 09:27	12/12/24 12:12	1
o-Terphenvl	76		70 - 130			12/12/24 09:27	12/12/24 12:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Chloride	549	9.90		mg/Kg			12/12/24 12:27	1		

Client Sample ID: SW 14 Lab Sample ID: 890-7458-4

Date Collected: 12/11/24 07:35 Date Received: 12/11/24 15:10

Method: SW846 8021B	 Volatile Organic 	Compounds (GC)

Welliou. 344046 60216 - Volati	ie Organic Comp	ounus (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		12/12/24 09:01	12/12/24 13:13	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/12/24 09:01	12/12/24 13:13	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/12/24 09:01	12/12/24 13:13	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/12/24 09:01	12/12/24 13:13	1
m-Xylene & p-Xylene	< 0.00396	U	0.00396		mg/Kg		12/12/24 09:01	12/12/24 13:13	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/12/24 09:01	12/12/24 13:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4 Duamanth and barrens (O. 188)		-	70 400				40/40/04 00:04	40/40/04 40:40	

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	12/12/24 09:01	12/12/24 13:13	1
1,4-Difluorobenzene (Surr)	107		70 - 130	12/12/24 09:01	12/12/24 13:13	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			12/12/24 13:13	1

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8 U	49.8	mg/Kg			12/12/24 12:28	1

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

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.8	U	49.8	mg/Kg		12/12/24 09:27	12/12/24 12:28	1
(GRO)-C6-C10								
Diesel Range Organics (Over	<49.8	U	49.8	mg/Kg	g	12/12/24 09:27	12/12/24 12:28	1
C10-C28)								
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg	g	12/12/24 09:27	12/12/24 12:28	1
<u> </u>	A / =							

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	12/12/24 09:27	12/12/24 12:28	1
o-Terphenyl	73		70 - 130	12/12/24 09:27	12/12/24 12:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result C	Qualifier RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3300	49.5	mg/Kg			12/12/24 12:33	5

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Matrix: Solid

Matrix: Solid

Lab Sample ID: 890-7458-5

12/12/24 12:43

Lab Sample ID: 890-7458-6

Matrix: Solid

Client Sample Results

Client: CDH Consulting Job ID: 890-7458-1

Project/Site: JACKSON B - 29Y

Client Sample ID: FL 03 @ 1'

Date Collected: 12/11/24 07:39 Date Received: 12/11/24 15:10

Sample Depth: 2'

Total TPH

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/12/24 09:01	12/12/24 13:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/12/24 09:01	12/12/24 13:34	1
Toluene	< 0.00199	U	0.00199		mg/Kg		12/12/24 09:01	12/12/24 13:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/12/24 09:01	12/12/24 13:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/12/24 09:01	12/12/24 13:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/12/24 09:01	12/12/24 13:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				12/12/24 09:01	12/12/24 13:34	1
1,4-Difluorobenzene (Surr)	107		70 - 130				12/12/24 09:01	12/12/24 13:34	1
Method: TAL SOP Total BTEX	- Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/12/24 13:34	1
Method: SW846 8015 NM - Did	esel Range Organ	ics (DRO) (GC)						
Analyte	• •	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Method: SW846 8015B NM - Diese	I Range Orga	nics (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		12/12/24 09:27	12/12/24 12:43	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		12/12/24 09:27	12/12/24 12:43	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		12/12/24 09:27	12/12/24 12:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				12/12/24 09:27	12/12/24 12:43	1
o-Terphenyl	73		70 - 130				12/12/24 09:27	12/12/24 12:43	1

49.6

mg/Kg

<49.6 U

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Chloride	597		50.4		mg/Kg			12/12/24 12:39	5

Client Sample ID: FL 04 @ 1'

Date Collected: 12/11/24 09:09 Date Received: 12/11/24 15:10

Sample Depth: 2'

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		12/12/24 09:01	12/12/24 13:54	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/12/24 09:01	12/12/24 13:54	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/12/24 09:01	12/12/24 13:54	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		12/12/24 09:01	12/12/24 13:54	1
m-Xylene & p-Xylene	< 0.00397	U	0.00397		mg/Kg		12/12/24 09:01	12/12/24 13:54	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/12/24 09:01	12/12/24 13:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				12/12/24 09:01	12/12/24 13:54	1

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8

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12

13

Client: CDH Consulting

Job ID: 890-7458-1

Project/Site: JACKSON B - 29Y

Client Sample ID: FL 04 @ 1'

Date Collected: 12/11/24 09:09 Date Received: 12/11/24 15:10

Sample Depth: 2'

Lab Sample ID: 890-7458-6

Matrix: Solid

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

 Surrogate
 %Recovery
 Qualifier
 Limits
 Prepared
 Analyzed
 Dil Fac

 1,4-Diffluorobenzene (Surr)
 99
 70 - 130
 12/12/24 09:01
 12/12/24 13:54
 1

Method: TAL SOP Total BTEX - Total BTEX Calculation

 Analyte
 Result
 Qualifier
 RL
 MDL
 Unit
 D
 Prepared
 Analyzed
 Dil Fac

 Total BTEX
 <0.00397</td>
 U
 0.00397
 mg/Kg
 12/12/24 13:54
 1

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

 Analyte
 Result
 Qualifier
 RL
 MDL
 Unit
 D
 Prepared
 Analyzed
 Dil Fac

 Total TPH
 <50.2</td>
 U
 50.2
 mg/Kg
 12/12/24 12:59
 1

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

Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Gasoline Range Organics <50.2 U mg/Kg 50.2 12/12/24 09:27 12/12/24 12:59 (GRO)-C6-C10 <50.2 U 50.2 12/12/24 09:27 12/12/24 12:59 Diesel Range Organics (Over mg/Kg C10-C28) Oil Range Organics (Over C28-C36) <50.2 U 50.2 mg/Kg 12/12/24 09:27 12/12/24 12:59

 Surrogate
 %Recovery
 Qualifier
 Limits

 1-Chlorooctane
 94
 70 - 130

 o-Terphenyl
 74
 70 - 130

70 - 130 12/12/24 09:27 12/12/24 12:59 1 70 - 130 12/12/24 09:27 12/12/24 12:59 1

Prepared

Analyzed

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

 Analyte
 Result
 Qualifier
 RL
 MDL
 Unit
 D
 Prepared
 Analyzed
 Dil Fac

 Chloride
 326
 10.0
 mg/Kg
 12/12/24 12:57
 1

Client Sample ID: SW 4 Lab Sample ID: 890-7458-7

Date Collected: 12/11/24 09:15

Date Received: 12/11/24 15:10

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

Analyte Result Qualifier MDL Dil Fac RL Unit D Prepared Analyzed <0.00201 0.00201 12/12/24 14:15 Benzene U mg/Kg 12/12/24 09:01 Ethylbenzene <0.00201 0.00201 mg/Kg 12/12/24 09:01 12/12/24 14:15 Toluene <0.00201 U 0.00201 12/12/24 09:01 12/12/24 14:15 mg/Kg <0.00402 U 0.00402 12/12/24 09:01 12/12/24 14:15 Xylenes, Total mg/Kg m-Xylene & p-Xylene <0.00402 U 0.00402 12/12/24 09:01 12/12/24 14:15 mg/Kg o-Xylene <0.00201 U 0.00201 mg/Kg 12/12/24 09:01 12/12/24 14:15

%Recovery Surrogate Qualifier Limits Prepared Analyzed Dil Fac 4-Bromofluorobenzene (Surr) 111 70 - 130 12/12/24 09:01 12/12/24 14:15 107 1,4-Difluorobenzene (Surr) 70 - 130 12/12/24 09:01 12/12/24 14:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

 Analyte
 Result
 Qualifier
 RL
 MDL
 Unit
 D
 Prepared
 Analyzed
 Dil Fac

 Total BTEX
 <0.00402</td>
 U
 0.00402
 mg/Kg
 12/12/24 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
 <50.4</td>
 U
 50.4
 mg/Kg
 1/2/12/24 13:15
 1

Eurofins Carlsbad

3

4

6

9

13

Dil Fac

Matrix: Solid

Job ID: 890-7458-1

Client: CDH Consulting Project/Site: JACKSON B - 29Y

Client Sample ID: SW 4

Lab Sample ID: 890-7458-7

Date Collected: 12/11/24 09:15 Matrix: Solid Date Received: 12/11/24 15:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.4	U	50.4		mg/Kg		12/12/24 09:27	12/12/24 13:15	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.4	U	50.4		mg/Kg		12/12/24 09:27	12/12/24 13:15	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		12/12/24 09:27	12/12/24 13:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				12/12/24 09:27	12/12/24 13:15	1
o-Terphenyl	70		70 ₋ 130				12/12/24 09:27	12/12/24 13:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
1	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Chloride	63.0		10.1		mg/Kg			12/12/24 13:03	1

Lab Sample ID: 890-7458-8 **Client Sample ID: SW 5** Date Collected: 12/11/24 09:25 Matrix: Solid

Date Received: 12/11/24 15:10

	Organic Comp								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/12/24 09:01	12/12/24 14:35	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/12/24 09:01	12/12/24 14:35	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/12/24 09:01	12/12/24 14:35	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		12/12/24 09:01	12/12/24 14:35	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/12/24 09:01	12/12/24 14:35	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/12/24 09:01	12/12/24 14:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				12/12/24 09:01	12/12/24 14:35	1
1,4-Difluorobenzene (Surr)	107		70 - 130				12/12/24 09:01	12/12/24 14:35	1
Method: TAL SOP Total BTEX - T	otal BTEX Cald	ulation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			12/12/24 14:35	1
Method: SW846 8015 NM - Diese	I Banga Organ								
	i Kange Organ	ics (DRO) ((GC)						
Analyte		ics (DRO) (Qualifier	GC) RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
		Qualifier	•	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 12/12/24 13:31	Dil Fac
Analyte	Result <50.5	Qualifier U	RL	MDL		<u>D</u>	Prepared		Dil Fac
Analyte Total TPH	Result <50.5	Qualifier U	RL			<u>D</u>	Prepared Prepared		Dil Fac
Analyte Total TPH . Method: SW846 8015B NM - Dies	Result <50.5	Qualifier Unics (DRO) Qualifier	RL 50.5		mg/Kg		·	12/12/24 13:31	1
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <50.5	Qualifier U nics (DRO) Qualifier U	RL 50.5 (GC)		mg/Kg		Prepared	12/12/24 13:31 Analyzed	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <50.5 sel Range Orga Result <50.5	Qualifier U nics (DRO) Qualifier U	RL 50.5		mg/Kg Unit mg/Kg		Prepared 12/12/24 09:27	12/12/24 13:31 Analyzed 12/12/24 13:31	1
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result	Qualifier U nics (DRO) Qualifier U U	RL 50.5 (GC) RL 50.5 50.5		mg/Kg Unit mg/Kg mg/Kg		Prepared 12/12/24 09:27 12/12/24 09:27	12/12/24 13:31 Analyzed 12/12/24 13:31 12/12/24 13:31	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	Result <50.5	Qualifier U nics (DRO) Qualifier U U	RL 50.5 (GC) RL 50.5 50.5 50.5		mg/Kg Unit mg/Kg mg/Kg		Prepared 12/12/24 09:27 12/12/24 09:27 12/12/24 09:27	Analyzed 12/12/24 13:31 12/12/24 13:31 12/12/24 13:31 12/12/24 13:31	Dil Fac

Job ID: 890-7458-1

Client: CDH Consulting Project/Site: JACKSON B - 29Y

Client Sample ID: SW 5 Lab Sample ID: 890-7458-8

Date Collected: 12/11/24 09:25 Matrix: Solid

Date Received: 12/11/24 15:10

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble								
	Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
	Chloride	519	9.98	mg/Kg			12/12/24 13:09	1

Client Sample ID: FL 05 @ 2'

Lab Sample ID: 890-7458-9 Date Collected: 12/11/24 11:01 Matrix: Solid

Date Received: 12/11/24 15:10

Sample Depth: 2'

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/12/24 08:29	12/12/24 13:00	1
Ethylbenzene	0.0226		0.00200		mg/Kg		12/12/24 08:29	12/12/24 13:00	1
Toluene	0.0390		0.00200		mg/Kg		12/12/24 08:29	12/12/24 13:00	1
Xylenes, Total	0.0854		0.00401		mg/Kg		12/12/24 08:29	12/12/24 13:00	1
m-Xylene & p-Xylene	0.0601		0.00401		mg/Kg		12/12/24 08:29	12/12/24 13:00	1
o-Xylene	0.0253		0.00200		mg/Kg		12/12/24 08:29	12/12/24 13:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				12/12/24 08:29	12/12/24 13:00	1
1,4-Difluorobenzene (Surr)	91		70 - 130				12/12/24 08:29	12/12/24 13:00	1
Method: TAL SOP Total BTEX	- Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.147		0.00401		mg/Kg			12/12/24 13:00	1
- Method: SW846 8015 NM - Die	sel Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
raidiyto									

Method: 5W846 8U15 NM - Diesei Ra	nge Organ	ics (DRO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/12/24 13:47	1
Method: SW846 8015B NM - Diesel R	ange Orga	nics (DRO) (GC)							

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		12/12/24 09:27	12/12/24 13:47	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		12/12/24 09:27	12/12/24 13:47	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/12/24 09:27	12/12/24 13:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	12/12/24 09:27	12/12/24 13:47	1
o-Terphenyl	68	S1-	70 - 130	12/12/24 09:27	12/12/24 13:47	1

Method: EPA 300.0 - Anions, Ion C	hromatograph	ny - Soluble							
Analyte	Result	Qualifier	RL	MDL U	Jnit	D	Prepared	Analyzed	Dil Fac
Chloride	357		10.0	n	ng/Kg			12/12/24 13:14	1

Client Sample ID: FL 08 @ 4' Lab Sample ID: 890-7458-10 Date Collected: 12/11/24 09:57 **Matrix: Solid**

Sample Depth: 4'

Date Received: 12/11/24 15:10

Method: SW846 8021B - Volatile O	rganic Compounds (GC)						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00326	0.00198	mg/Kg		12/12/24 08:29	12/12/24 13:21	1

Client: CDH Consulting

Job ID: 890-7458-1

Project/Site: JACKSON B - 29Y

Client Sample ID: FL 08 @ 4'

Date Collected: 12/11/24 09:57 Date Received: 12/11/24 15:10

Sample Depth: 4'

Lab Sample ID: 890-7458-10

Matrix: Solid

Method: SW846 8021B - Volatile	Organic Comp	ounds (GC)	(Continued)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Ethylbenzene	0.00373		0.00198		mg/Kg		12/12/24 08:29	12/12/24 13:21	
Toluene	0.0116		0.00198		mg/Kg		12/12/24 08:29	12/12/24 13:21	
Xylenes, Total	0.0164		0.00396		mg/Kg		12/12/24 08:29	12/12/24 13:21	
m-Xylene & p-Xylene	0.0114		0.00396		mg/Kg		12/12/24 08:29	12/12/24 13:21	
o-Xylene	0.00499		0.00198		mg/Kg		12/12/24 08:29	12/12/24 13:21	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	109		70 - 130				12/12/24 08:29	12/12/24 13:21	
1,4-Difluorobenzene (Surr)	96		70 - 130				12/12/24 08:29	12/12/24 13:21	
Method: TAL SOP Total BTEX -	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	0.0350		0.00396		mg/Kg			12/12/24 13:21	
Method: SW846 8015 NM - Diese	el Range Organ	ics (DRO) (0	GC)						
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	70.5		49.7		mg/Kg			12/12/24 11:25	
Method: SW846 8015B NM - Die	sel Range Orga	nics (DRO)	(GC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics	<49.7	U *1	49.7		mg/Kg		12/12/24 09:29	12/12/24 11:25	
(GRO)-C6-C10									
Diesel Range Organics (Over	70.5		49.7		mg/Kg		12/12/24 09:29	12/12/24 11:25	
C10-C28)									
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/12/24 09:29	12/12/24 11:25	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	96		70 - 130				12/12/24 09:29	12/12/24 11:25	
o-Terphenyl	88		70 - 130				12/12/24 09:29	12/12/24 11:25	
Method: EPA 300.0 - Anions, Ior	Chromatograp	hy - Soluble	•						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa

Client Sample ID: FL 09 @ 4'

Date Collected: 12/11/24 10:21 Date Received: 12/11/24 15:10

Sample Depth: 4'

Method: SW846 8021B - Volatile Organic Compounds (GC) Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac <0.00202 U Benzene 0.00202 12/12/24 08:29 12/12/24 13:41 mg/Kg Ethylbenzene <0.00202 U 0.00202 mg/Kg 12/12/24 08:29 12/12/24 13:41 Toluene 0.00675 0.00202 mg/Kg 12/12/24 08:29 12/12/24 13:41 **Xylenes, Total** 0.00654 0.00403 mg/Kg 12/12/24 08:29 12/12/24 13:41 0.00403 0.00654 mg/Kg 12/12/24 08:29 12/12/24 13:41 m-Xylene & p-Xylene <0.00202 U 0.00202 o-Xylene mg/Kg 12/12/24 08:29 12/12/24 13:41 Surrogate %Recovery Qualifier Limits Prepared Dil Fac Analyzed 4-Bromofluorobenzene (Surr) 113 70 - 130 12/12/24 08:29 12/12/24 13:41

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12/12/24 13:41

Lab Sample ID: 890-7458-11

12/12/24 08:29

Matrix: Solid

70 - 130

95

1,4-Difluorobenzene (Surr)

Client Sample Results

Client: CDH Consulting

Project/Site: JACKSON B - 29Y

Lab Sample ID: 890-7458-11

Matrix: Solid

Job ID: 890-7458-1

Client Sample ID: FL 09 @ 4' Date Collected: 12/11/24 10:21

Date Received: 12/11/24 15:10

Sample Depth: 4'

Method: TAL SOP Total BTEX - T									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0133		0.00403		mg/Kg			12/12/24 13:41	1
Method: SW846 8015 NM - Diese	I Range Organ	ics (DRO) ((GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	117		50.3		mg/Kg			12/12/24 12:12	1
- Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.3	U *1	50.3		mg/Kg		12/12/24 09:29	12/12/24 12:12	1
(GRO)-C6-C10									
Diesel Range Organics (Over	117		50.3		mg/Kg		12/12/24 09:29	12/12/24 12:12	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		12/12/24 09:29	12/12/24 12:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
			70 - 130				12/12/24 09:29	12/12/24 12:12	
1-Chlorooctane	110		10 - 130				12/12/24 05.25	12/12/27 12.12	,

RL

101

MDL Unit

mg/Kg

D

Prepared

Analyzed

12/12/24 13:26

Lab Sample ID: 890-7458-12

Client Sample ID: FL 10 @ 4'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Result Qualifier

5120 F1

Date Collected: 12/11/24 10:29

Date Received: 12/11/24 15:10

Sample Depth: 4'

Analyte

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00201	U	0.00201		mg/Kg		12/12/24 08:29	12/12/24 14:01	
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/12/24 08:29	12/12/24 14:01	
Toluene	0.00482		0.00201		mg/Kg		12/12/24 08:29	12/12/24 14:01	
Xylenes, Total	0.00456		0.00402		mg/Kg		12/12/24 08:29	12/12/24 14:01	
m-Xylene & p-Xylene	0.00456		0.00402		mg/Kg		12/12/24 08:29	12/12/24 14:01	
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/12/24 08:29	12/12/24 14:01	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)			70 - 130				12/12/24 08:29	12/12/24 14:01	
1,4-Difluorobenzene (Surr)	94		70 - 130				12/12/24 08:29	12/12/24 14:01	
			70 - 700				72.72.2.7.00.20		
Method: TAL SOP Total BTEX Analyte		culation Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Method: TAL SOP Total BTEX				MDL	Unit mg/Kg	<u>D</u>		Analyzed 12/12/24 14:01	Dil Fac
Method: TAL SOP Total BTEX Analyte	Result 0.00938	Qualifier	RL	MDL		<u>D</u>			Dil Fa
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die	Result 0.00938 sel Range Organ	Qualifier	RL			D_			
Method: TAL SOP Total BTEX Analyte Total BTEX	Result 0.00938 sel Range Organ	Qualifier ics (DRO) (RL 0.00402		mg/Kg		Prepared	12/12/24 14:01	
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte	Result 0.00938 sel Range Organ Result < 50.1	Qualifier ics (DRO) (Qualifier U	RL 0.00402 ——————————————————————————————————		mg/Kg		Prepared	12/12/24 14:01 Analyzed	
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH	Result 0.00938 sel Range Organ Result <50.1 iesel Range Orga	Qualifier ics (DRO) (Qualifier U	RL 0.00402 ——————————————————————————————————	MDL	mg/Kg		Prepared	12/12/24 14:01 Analyzed	Dil Fac

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Dil Fac

Matrix: Solid

Client Sample Results

Client: CDH Consulting Job ID: 890-7458-1

Project/Site: JACKSON B - 29Y

Client Sample ID: FL 10 @ 4'

Date Collected: 12/11/24 10:29 Date Received: 12/11/24 15:10

Sample Depth: 4'

Lab	Samp	le II	D: 8	390-7	458-	12
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Lab Sample ID: 890-7458-13

Matrix: Solid

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1	mg/Kg		12/12/24 09:29	12/12/24 12:28	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1	mg/Kg		12/12/24 09:29	12/12/24 12:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane			70 - 130			12/12/24 09:29	12/12/24 12:28	1
o-Terphenyl	101		70 - 130			12/12/24 09:29	12/12/24 12:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL MDL Unit Dil Fac D Prepared Analyzed 50.3 12/12/24 13:44 Chloride 4470 mg/Kg

Client Sample ID: FL 11 @ 4'

Date Collected: 12/11/24 10:32 Date Received: 12/11/24 15:10

Sample Depth: 4'

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/12/24 08:29	12/12/24 14:22	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/12/24 08:29	12/12/24 14:22	1
Toluene	0.00421		0.00202		mg/Kg		12/12/24 08:29	12/12/24 14:22	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		12/12/24 08:29	12/12/24 14:22	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/12/24 08:29	12/12/24 14:22	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/12/24 08:29	12/12/24 14:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				12/12/24 08:29	12/12/24 14:22	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/12/24 08:29	12/12/24 14:22	1
Method: TAL SOP Total BTEX	- Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00421		0.00404	-	mg/Kg			12/12/24 14:22	

Method: SW846 8015 NM - Diesel Rang	e Organ	ics (DRO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			12/12/24 12:43	1
Method: SW846 8015B NM - Diesel Ran		, , , ,				_			
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.4	U	50.4	mg/Kg	12/12/24 09:29	12/12/24 12:43	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4	mg/Kg	12/12/24 09:29	12/12/24 12:43	1
Gasoline Range Organics (GRO)-C6-C10	<50.4	U *1	50.4	mg/Kg	12/12/24 09:29	12/12/24 12:43	1
					_ 		

1-Chlorooctane 109 70 - 130 12/12/24 09:29 12/12/24 12:43 100 70 - 130 12/12/24 09:29 12/12/24 12:43 o-Terphenyl

Matrix: Solid

Matrix: Solid

Lab Sample ID: 890-7458-13

Client Sample Results

Client: CDH Consulting Job ID: 890-7458-1

Project/Site: JACKSON B - 29Y

Client Sample ID: FL 11 @ 4'

Date Collected: 12/11/24 10:32 Date Received: 12/11/24 15:10

Sample Depth: 4'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Result Qualifier MDL Dil Fac Analyte RL Unit D Prepared Analyzed 50.5 12/12/24 13:50 Chloride 2150 mg/Kg

Client Sample ID: FL 12 @ 4' Lab Sample ID: 890-7458-14

Date Collected: 12/11/24 10:43 Date Received: 12/11/24 15:10

Sample Depth: 4'

Method: SW846 8021B - Volatile Organic Compounds (GC) Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Benzene <0.00200 U 12/12/24 08:29 12/12/24 14:42 0.00200 mg/Kg Ethylbenzene <0.00200 U 0.00200 12/12/24 08:29 12/12/24 14:42 mg/Kg **Toluene** 0.00315 0.00200 mg/Kg 12/12/24 08:29 12/12/24 14:42 Xylenes, Total <0.00399 0.00399 mg/Kg 12/12/24 08:29 12/12/24 14:42 m-Xylene & p-Xylene <0.00399 U 0.00399 12/12/24 08:29 12/12/24 14:42 mg/Kg 0.00200 mg/Kg 12/12/24 08:29 12/12/24 14:42 o-Xylene 0.00216 %Recovery Surrogate Qualifier Limits Prepared Analyzed Dil Fac 70 - 130 12/12/24 08:29 4-Bromofluorobenzene (Surr) 116 12/12/24 14:42 97 1,4-Difluorobenzene (Surr) 70 - 130 12/12/24 08:29 12/12/24 14:42

Method: TAL SOP Total BTEX - Total BTEX Calculation Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac 0.00531 0.00399 12/12/24 14:42 **Total BTEX** mg/Kg

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC) Result Qualifier MDL Unit Analyte RL D Prepared Analyzed Dil Fac Total TPH <50.1 U 50.1 12/12/24 12:59 mg/Kg

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier RΙ MDL Unit D Prepared Analyzed Dil Fac <50.1 U *1 Gasoline Range Organics 50.1 12/12/24 09:29 12/12/24 12:59 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <50.1 U 50.1 mg/Kg 12/12/24 09:29 12/12/24 12:59 C10-C28) 12/12/24 12:59 Oil Range Organics (Over C28-C36) <50.1 U 50.1 mg/Kg 12/12/24 09:29

Qualifier Analyzed Dil Fac Surrogate %Recovery Limits Prepared 1-Chlorooctane 113 70 - 130 12/12/24 09:29 12/12/24 12:59 103 12/12/24 09:29 12/12/24 12:59 o-Terphenyl 70 - 130

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Chloride 4230 99.6 mg/Kg 12/12/24 14:08

Client Sample ID: SW 08 Lab Sample ID: 890-7458-15 Date Collected: 12/11/24 10:51 **Matrix: Solid**

Date Received: 12/11/24 15:10

Method: SW846 8021B - Volatile	Organic Compo	ounds (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/12/24 08:29	12/12/24 15:03	1

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Job ID: 890-7458-1

Client: CDH Consulting Project/Site: JACKSON B - 29Y

Client Sample ID: SW 08 Date Collected: 12/11/24 10:51

Date Received: 12/11/24 15:10

Lab Sample ID: 890-7458-15

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued) Result Qualifier MDL Unit D Prepared Analyzed Dil Fac Ethylbenzene <0.00199 0.00199 12/12/24 08:29 12/12/24 15:03 mg/Kg Toluene 0.00241 0.00199 mg/Kg 12/12/24 08:29 12/12/24 15:03 Xylenes, Total <0.00398 U 0.00398 mg/Kg 12/12/24 08:29 12/12/24 15:03 12/12/24 08:29 12/12/24 15:03 m-Xylene & p-Xylene <0.00398 U 0.00398 mg/Kg <0.00199 U 0.00199 12/12/24 08:29 12/12/24 15:03 o-Xylene mg/Kg Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 4-Bromofluorobenzene (Surr) 115 70 - 130 12/12/24 08:29 12/12/24 15:03 1,4-Difluorobenzene (Surr) 100 70 - 130 12/12/24 08:29 12/12/24 15:03

Method: TAL SOP Total BTEX - Total BTEX Calculation Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Total BTEX <0.00398 Ū 12/12/24 15:03 0.00398 mg/Kg

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 12/12/24 13:15

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Gasoline Range Organics <49.9 U*1 49.9 mg/Kg 12/12/24 09:29 12/12/24 13:15 (GRO)-C6-C10 Diesel Range Organics (Over <49.9 U 49.9 mg/Kg 12/12/24 09:29 12/12/24 13:15 C10-C28) Oil Range Organics (Over C28-C36) <49.9 U 12/12/24 09:29 12/12/24 13:15 49.9 mg/Kg %Recovery Qualifier Limits Prepared Dil Fac Surrogate Analyzed 1-Chlorooctane 111 70 - 130 12/12/24 09:29 12/12/24 13:15 o-Terphenyl 99 70 - 130 12/12/24 09:29 12/12/24 13:15

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Result Qualifier Dil Fac Analyte RL MDL Unit D Prepared Analyzed Chloride 556 49.7 mg/Kg 12/12/24 14:13

Client Sample ID: SW 09 Lab Sample ID: 890-7458-16 **Matrix: Solid** Date Collected: 12/11/24 11:12

Date Received: 12/11/24 15:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:18	12/12/24 12:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:18	12/12/24 12:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:18	12/12/24 12:02	1
Xylenes, Total	<0.00401	U F1	0.00401		mg/Kg		12/12/24 09:18	12/12/24 12:02	1
m-Xylene & p-Xylene	<0.00401	U F1	0.00401		mg/Kg		12/12/24 09:18	12/12/24 12:02	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		12/12/24 09:18	12/12/24 12:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				12/12/24 09:18	12/12/24 12:02	1
1,4-Difluorobenzene (Surr)	99		70 - 130				12/12/24 09:18	12/12/24 12:02	1

Client Sample Results

Client: CDH Consulting Project/Site: JACKSON B - 29Y Job ID: 890-7458-1

Analyte

Chloride

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Client Sample ID: SW 09 Lab Sample ID: 890-7458-16

Date Collected: 12/11/24 11:12 Matrix: Solid

Date Received: 12/11/24 15:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/12/24 12:02	1
Method: SW846 8015 NM - Diese	l Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/12/24 13:31	1
Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.8	U	49.8		mg/Kg		12/12/24 09:29	12/12/24 13:31	
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.8	U	49.8		mg/Kg		12/12/24 09:29	12/12/24 13:31	
C10-C28)									
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/12/24 09:29	12/12/24 13:31	•
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	124		70 - 130				12/12/24 09:29	12/12/24 13:31	
o-Terphenyl	111		70 - 130				12/12/24 09:29	12/12/24 13:31	

9.98 **Client Sample ID: SW 10** Lab Sample ID: 890-7458-17

RL

MDL Unit

mg/Kg

D

Prepared

Analyzed

12/12/24 14:19

Date Collected: 12/11/24 13:52 **Matrix: Solid** Date Received: 12/11/24 15:10

Result Qualifier

561

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/12/24 09:18	12/12/24 12:22	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/12/24 09:18	12/12/24 12:22	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/12/24 09:18	12/12/24 12:22	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		12/12/24 09:18	12/12/24 12:22	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		12/12/24 09:18	12/12/24 12:22	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/12/24 09:18	12/12/24 12:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/12/24 09:18	12/12/24 12:22	1
1,4-Difluorobenzene (Surr) Method: TAL SOP Total BTEX	102 - Total BTEX Cald	culation	70 - 130				12/12/24 09:18	12/12/24 12:22	1
Method: TAL SOP Total BTEX Analyte	- Total BTEX Cald	Qualifier	RL	MDL	Unit ma/Ka	<u>D</u>	12/12/24 09:18 Prepared	Analyzed	Dil Fac
- '	- Total BTEX Calc Result <0.00403	Qualifier U	RL 0.00403	MDL	Unit mg/Kg	<u>D</u>			Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX	- Total BTEX Calc Result <	Qualifier U	RL 0.00403			<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Dies	- Total BTEX Calc Result <	Qualifier U ics (DRO) (Qualifier	RL 0.00403		mg/Kg		Prepared	Analyzed 12/12/24 12:22	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die: Analyte	- Total BTEX Calc Result <0.00403 sel Range Organ Result <50.0	Qualifier U ics (DRO) (Qualifier U	RL 0.00403 ——————————————————————————————————		mg/Kg		Prepared	Analyzed 12/12/24 12:22 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die: Analyte Total TPH	- Total BTEX Calc Result <0.00403 sel Range Organ Result <50.0 iesel Range Orga	Qualifier U ics (DRO) (Qualifier U	RL 0.00403 ——————————————————————————————————	MDL	mg/Kg		Prepared	Analyzed 12/12/24 12:22 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Dies Analyte Total TPH Method: SW846 8015B NM - Diese	- Total BTEX Calc Result <0.00403 sel Range Organ Result <50.0 iesel Range Orga	Qualifier U ics (DRO) (Qualifier U nics (DRO) Qualifier	RL 0.00403 GC) RL 50.0	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 12/12/24 12:22 Analyzed 12/12/24 13:47	Dil Fac Dil Fac 1 Dil Fac 1

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Dil Fac

Client Sample Results

Client: CDH Consulting Job ID: 890-7458-1

Project/Site: JACKSON B - 29Y

Client Sample ID: SW 10 Lab Sample ID: 890-7458-17

Date Collected: 12/11/24 13:52 Matrix: Solid Date Received: 12/11/24 15:10

Method: SW846 8015B NM - Die	sel Range Orga	nics (DRO	(GC) (Continu	ıed)					
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/12/24 09:29	12/12/24 13:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane			70 - 130				12/12/24 09:29	12/12/24 13:47	1
o-Terphenyl	102		70 - 130				12/12/24 09:29	12/12/24 13:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
	Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac	
	Chloride	629	9.96	mg/Kg			12/12/24 14:25	1	

Surrogate Summary

Client: CDH Consulting Job ID: 890-7458-1

Project/Site: JACKSON B - 29Y

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits
		BFB1	DFBZ1	
_ab Sample ID	Client Sample ID	(70-130)	(70-130)	· _ · · · _ · _ · · _ · _ · _ · _ · _ · _ · _ · _ · · _ · · _ · · _ ·
90-7458-1	SW 11	102	90	
90-7458-2	SW 13	113	107	
90-7458-2 MS	SW 13	109	104	
90-7458-2 MSD	SW 13	109	103	
390-7458-3	SW 12	124	107	
390-7458-4	SW 14	115	107	
390-7458-5	FL 03 @ 1'	110	107	
390-7458-6	FL 04 @ 1'	102	99	
890-7458-7	SW 4	111	107	
390-7458-8	SW 5	110	107	
390-7458-9	FL 05 @ 2'	114	91	
390-7458-10	FL 08 @ 4'	109	96	
390-7458-11	FL 09 @ 4'	113	95	
390-7458-12	FL 10 @ 4'	117	94	
390-7458-13	FL 11 @ 4'	114	95	
90-7458-14	FL 12 @ 4'	116	97	
390-7458-15	SW 08	115	100	
390-7458-16	SW 09	103	99	
390-7458-16 MS	SW 09	114	104	
90-7458-16 MSD	SW 09	159 S1+	97	
90-7458-17	SW 10	131 S1+	102	
CS 880-97671/1-A	Lab Control Sample	101	100	
CS 880-97681/1-A	Lab Control Sample	107	105	
CS 880-97682/1-A	Lab Control Sample	108	99	
CS 880-97685/1-A	Lab Control Sample	116	97	
CSD 880-97671/2-A	Lab Control Sample Dup	103	99	
LCSD 880-97681/2-A	Lab Control Sample Dup	106	103	
.CSD 880-97682/2-A	Lab Control Sample Dup	98	96	
_CSD 880-97685/2-A	Lab Control Sample Dup	115	102	
MB 880-97671/5-A	Method Blank	110	97	
MB 880-97681/5-A	Method Blank	111	103	
MB 880-97682/5-A	Method Blank	119	88	
/IB 880-97685/5-A	Method Blank	210 S1+	116	
ID 000-91 000/0-14	Wethod Blank	21031+	110	

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

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
390-7458-1	SW 11	89	79	
390-7458-2	SW 13	102	78	
90-7458-2 MS	SW 13	89	77	
390-7458-2 MSD	SW 13	89	76	
90-7458-3	SW 12	96	76	
90-7458-4	SW 14	94	73	

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DFBZ = 1,4-Difluorobenzene (Surr)

Surrogate Summary

Client: CDH Consulting Job ID: 890-7458-1

Project/Site: JACKSON B - 29Y

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

Matrix: Solid Prep Type: Total/NA

		1001	OTPH1	Percent Surrogate Recovery (Acceptance Limits
ab Sample ID	Client Sample ID	(70-130)	(70-130)	
90-7458-5	FL 03 @ 1'	96	73	
90-7458-6	FL 04 @ 1'	94	74	
90-7458-7	SW 4	91	70	
90-7458-8	SW 5	90	69 S1-	
90-7458-9	FL 05 @ 2'	89	68 S1-	
90-7458-10	FL 08 @ 4'	96	88	
90-7458-10 MS	FL 08 @ 4'	114	110	
90-7458-10 MSD	FL 08 @ 4'	114	110	
90-7458-11	FL 09 @ 4'	110	99	
0-7458-12	FL 10 @ 4'	110	101	
0-7458-13	FL 11 @ 4'	109	100	
0-7458-14	FL 12 @ 4'	113	103	
0-7458-15	SW 08	111	99	
0-7458-16	SW 09	124	111	
0-7458-17	SW 10	113	102	
S 880-97669/2-A	Lab Control Sample	119	97	
S 880-97693/2-A	Lab Control Sample	119	109	
CS 880-97696/2-A	Lab Control Sample	97	97	
SD 880-97669/3-A	Lab Control Sample Dup	116	93	
CSD 880-97693/3-A	Lab Control Sample Dup	109	97	
CSD 880-97696/3-A	Lab Control Sample Dup	110	109	
3 880-97669/1-A	Method Blank	88	79	
3 880-97693/1-A	Method Blank	91	75	
3 880-97696/1-A	Method Blank	104	98	

1CO = 1-Chlorooctane OTPH = o-Terphenyl

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4

8

10

12

13

14

Client: CDH Consulting Job ID: 890-7458-1

Project/Site: JACKSON B - 29Y

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-97671/5-A **Matrix: Solid**

Analysis Batch: 97674

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 97671

	IVID	IVID							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/12/24 08:29	12/12/24 11:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/12/24 08:29	12/12/24 11:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/12/24 08:29	12/12/24 11:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/12/24 08:29	12/12/24 11:37	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/12/24 08:29	12/12/24 11:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/12/24 08:29	12/12/24 11:37	1

мв мв

MD MD

Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	12	2/12/24 08:29	12/12/24 11:37	1
1,4-Difluorobenzene (Surr)	97		70 - 130	12	2/12/24 08:29	12/12/24 11:37	1

Lab Sample ID: LCS 880-97671/1-A

Matrix: Solid

Analysis Batch: 97674

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 97671

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.1150		mg/Kg		115	70 - 130	
Ethylbenzene	0.100	0.1018		mg/Kg		102	70 - 130	
Toluene	0.100	0.1087		mg/Kg		109	70 - 130	
m-Xylene & p-Xylene	0.200	0.2174		mg/Kg		109	70 - 130	
o-Xylene	0.100	0.1085		mg/Kg		109	70 - 130	

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	101	70 - 130
1,4-Difluorobenzene (Surr)	100	70 - 130

Lab Sample ID: LCSD 880-97671/2-A

Matrix: Solid

Analysis Batch: 97674

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA Prep Batch: 97671

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1104		mg/Kg		110	70 - 130	4	35
Ethylbenzene	0.100	0.09888		mg/Kg		99	70 - 130	3	35
Toluene	0.100	0.1049		mg/Kg		105	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.2114		mg/Kg		106	70 - 130	3	35
o-Xylene	0.100	0.1055		mg/Kg		106	70 - 130	3	35

LCSD LCSD

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

Lab Sample ID: MB 880-97681/5-A

Matrix: Solid

Analysis Batch: 97664

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 97681

	IVID	INID						
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		12/12/24 09:01	12/12/24 11:09	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		12/12/24 09:01	12/12/24 11:09	1

QC Sample Results

Client: CDH Consulting Job ID: 890-7458-1

Project/Site: JACKSON B - 29Y

Lab Sample ID: MB 880-97681/5-A

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

Matrix: Solid

Analysis Batch: 97664

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 97681

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:01	12/12/24 11:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/12/24 09:01	12/12/24 11:09	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/12/24 09:01	12/12/24 11:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:01	12/12/24 11:09	1

MB MB

мв мв

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111	70 - 130	12/12/24 09:01	12/12/24 11:09	1
1,4-Difluorobenzene (Surr)	103	70 - 130	12/12/24 09:01	12/12/24 11:09	1

Lab Sample ID: LCS 880-97681/1-A

Matrix: Solid

Analysis Batch: 97664

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 97681

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.1235		mg/Kg		123	70 - 130	
Ethylbenzene	0.100	0.1174		mg/Kg		117	70 - 130	
Toluene	0.100	0.1192		mg/Kg		119	70 - 130	
m-Xylene & p-Xylene	0.200	0.2392		mg/Kg		120	70 - 130	
o-Xylene	0.100	0.1222		mg/Kg		122	70 - 130	

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	107	70 - 130
1,4-Difluorobenzene (Surr)	105	70 - 130

Lab Sample ID: LCSD 880-97681/2-A

Matrix: Solid

Analysis Batch: 97664

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 97681

	Spike	LCSD LCSD				%Rec		RPD
Analyte	Added	Result Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1186	mg/Kg		119	70 - 130	4	35
Ethylbenzene	0.100	0.1137	mg/Kg		114	70 - 130	3	35
Toluene	0.100	0.1155	mg/Kg		115	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2315	mg/Kg		116	70 - 130	3	35
o-Xylene	0.100	0.1183	mg/Kg		118	70 - 130	3	35

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 890-7458-2 MS

Matrix: Solid

Analysis Batch: 97664

Client Sample ID: SW 13

Prep Type: Total/NA

Prep Batch: 97681

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U	0.101	0.1051		mg/Kg		104	70 - 130	
Ethylbenzene	<0.00200	U	0.101	0.09915		mg/Kg		98	70 - 130	
Toluene	<0.00200	U	0.101	0.1018		mg/Kg		101	70 - 130	
m-Xylene & p-Xylene	<0.00401	U	0.202	0.2024		mg/Kg		100	70 - 130	

QC Sample Results

Client: CDH Consulting Job ID: 890-7458-1

Project/Site: JACKSON B - 29Y

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

Matrix: Solid

Lab Sample ID: 890-7458-2 MS Client Sample ID: SW 13 Prep Type: Total/NA Prep Batch: 97681 Analysis Batch: 97664 MS MS Sample Sample Snike

			- Pinto						701100
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
o-Xylene	<0.00200	U	0.101	0.1038		mg/Kg		103	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 890-7458-2 MSD

Client Sample ID: SW 13 **Matrix: Solid** Prep Type: Total/NA Analysis Batch: 97664 Prep Batch: 97681

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	<0.00200	U	0.0998	0.1154		mg/Kg		116	70 - 130	9	35	
Ethylbenzene	<0.00200	U	0.0998	0.1095		mg/Kg		110	70 - 130	10	35	
Toluene	<0.00200	U	0.0998	0.1122		mg/Kg		112	70 - 130	10	35	
m-Xylene & p-Xylene	<0.00401	U	0.200	0.2227		mg/Kg		112	70 - 130	10	35	
o-Xylene	<0.00200	U	0.0998	0.1139		mg/Kg		114	70 - 130	9	35	

MSD MSD Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 109 70 - 130 1,4-Difluorobenzene (Surr) 103 70 - 130

MB MB

Lab Sample ID: MB 880-97682/5-A

Matrix: Solid

Analysis Batch: 97662

Client Sample ID: Method Blank Prep Type: Total/NA

Prep Batch: 97682

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:12	12/12/24 11:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:12	12/12/24 11:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:12	12/12/24 11:01	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/12/24 09:12	12/12/24 11:01	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/12/24 09:12	12/12/24 11:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/12/24 09:12	12/12/24 11:01	1

	MB MB	3			
Surrogate	%Recovery Qua	ualifier Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119	70 - 130	12/12/24 09:12	12/12/24 11:01	1
1.4-Difluorobenzene (Surr)	88	70 - 130	12/12/24 09:12	12/12/24 11:01	1

Lab Sample ID: LCS 880-97682/1-A **Client Sample ID: Lab Control Sample** Matrix: Solid Prep Type: Total/NA

Analysis Batch: 97662 Prep Batch: 97682

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.1191		mg/Kg		119	70 - 130	
Ethylbenzene	0.100	0.1159		mg/Kg		116	70 - 130	
Toluene	0.100	0.1138		mg/Kg		114	70 - 130	
m-Xylene & p-Xylene	0.200	0.2340		mg/Kg		117	70 - 130	
o-Xylene	0.100	0.1188		mg/Kg		119	70 - 130	

Client: CDH Consulting Job ID: 890-7458-1

Project/Site: JACKSON B - 29Y

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

Lab Sample ID: LCS 880-97682/1-A **Matrix: Solid**

Analysis Batch: 97662

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 97682

LCS LCS

Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 108 70 - 130 1,4-Difluorobenzene (Surr) 99 70 - 130

Lab Sample ID: LCSD 880-97682/2-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 97662

Prep Type: Total/NA

Prep Batch: 97682

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1146		mg/Kg	_	115	70 - 130	4	35
Ethylbenzene	0.100	0.1104		mg/Kg		110	70 - 130	5	35
Toluene	0.100	0.1085		mg/Kg		108	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.2217		mg/Kg		111	70 - 130	5	35
o-Xylene	0.100	0.1125		mg/Kg		112	70 - 130	5	35

LCSD LCSD %Recovery Qualifier Surrogate Limits 4-Bromofluorobenzene (Surr) 98 70 - 130 1,4-Difluorobenzene (Surr) 96 70 - 130

Lab Sample ID: MB 880-97685/5-A

Matrix: Solid

Analysis Batch: 97700

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 97685

мв мв

Analyte	Result	Qualifier	RL	MDL (Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	r	mg/Kg		12/12/24 09:18	12/12/24 11:33	1
Ethylbenzene	<0.00200	U	0.00200	r	mg/Kg		12/12/24 09:18	12/12/24 11:33	1
Toluene	<0.00200	U	0.00200	r	mg/Kg		12/12/24 09:18	12/12/24 11:33	1
Xylenes, Total	<0.00400	U	0.00400	r	mg/Kg		12/12/24 09:18	12/12/24 11:33	1
m-Xylene & p-Xylene	< 0.00400	U	0.00400	r	mg/Kg		12/12/24 09:18	12/12/24 11:33	1
o-Xylene	<0.00200	U	0.00200	r	mg/Kg		12/12/24 09:18	12/12/24 11:33	1

мв мв

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	210	S1+	70 - 130	12/12/24 09:18	12/12/24 11:33	1
1,4-Difluorobenzene (Surr)	116		70 - 130	12/12/24 09:18	12/12/24 11:33	1

Lab Sample ID: LCS 880-97685/1-A

Matrix: Solid

Analysis Batch: 97700

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 97685

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.1095		mg/Kg		109	70 - 130	
Ethylbenzene	0.100	0.1043		mg/Kg		104	70 - 130	
Toluene	0.100	0.1074		mg/Kg		107	70 - 130	
m-Xylene & p-Xylene	0.200	0.2569		mg/Kg		128	70 - 130	
o-Xylene	0.100	0.1285		mg/Kg		129	70 - 130	

LCS LCS

%Recovery Qualifier Limits Surrogate 4-Bromofluorobenzene (Surr) 116 70 - 130

Lab Sample ID: LCS 880-97685/1-A

Client: CDH Consulting Job ID: 890-7458-1

Project/Site: JACKSON B - 29Y

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

LCS LCS

Matrix: Solid

Analysis Batch: 97700

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 97685

Surrogate %Recovery Qualifier Limits 1,4-Difluorobenzene (Surr) 97 70 - 130

Lab Sample ID: LCSD 880-97685/2-A

Matrix: Solid

Analysis Batch: 97700

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 97685

Spike LCSD LCSD RPD %Rec Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Benzene 0.100 0.1063 mg/Kg 106 70 - 130 3 35 Ethylbenzene 0.100 0.1029 mg/Kg 103 70 - 130 35 1 Toluene 0.100 0.1127 mg/Kg 113 70 - 130 35 70 - 130 0.200 0.2511 m-Xylene & p-Xylene mg/Kg 126 2 35 o-Xylene 0.100 0.1264 mg/Kg 126 70 - 130 35

LCSD LCSD

Surrogate	%Recovery Qualifie	er Limits
4-Bromofluorobenzene (Surr)	115	70 - 130
1.4-Difluorobenzene (Surr)	102	70 - 130

Lab Sample ID: 890-7458-16 MS

Matrix: Solid

Analysis Batch: 97700

Client Sample ID: SW 09

Prep Type: Total/NA

Prep Batch: 97685

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U	0.101	0.1007		mg/Kg		100	70 - 130	
Ethylbenzene	<0.00200	U	0.101	0.09455		mg/Kg		94	70 - 130	
Toluene	<0.00200	U	0.101	0.1003		mg/Kg		99	70 - 130	
m-Xylene & p-Xylene	<0.00401	U F1	0.202	0.2224		mg/Kg		110	70 - 130	
o-Xylene	<0.00200	U F1	0.101	0.1202		mg/Kg		119	70 - 130	

MS MS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1.4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 890-7458-16 MSD

Matrix: Solid

Analysis Batch: 97700

Client Sample ID: SW 09 Prep Type: Total/NA

Prep Batch: 97685

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00200	U	0.0998	0.09888		mg/Kg		99	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.0998	0.07749		mg/Kg		78	70 - 130	20	35
Toluene	<0.00200	U	0.0998	0.1003		mg/Kg		100	70 - 130	0	35
m-Xylene & p-Xylene	<0.00401	U F1	0.200	0.2799	F1	mg/Kg		140	70 - 130	23	35
o-Xylene	<0.00200	U F1	0.0998	0.1517	F1	mg/Kg		152	70 - 130	23	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

QC Sample Results

Client: CDH Consulting Job ID: 890-7458-1

Project/Site: JACKSON B - 29Y

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

MR MR

79

Lab Sample ID: MB 880-97669/1-A **Matrix: Solid**

Analysis Batch: 97688

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 97669

	MID	IVID							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		12/12/24 08:17	12/12/24 09:28	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		12/12/24 08:17	12/12/24 09:28	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/12/24 08:17	12/12/24 09:28	1
	МВ	МВ							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/12/24 08:17	12/12/24 09:28	1

70 - 130

Lab Sample ID: LCS 880-97669/2-A

Matrix: Solid

o-Terphenyl

Analysis Batch: 97688

Client Sample ID: Lab Control Sample

12/12/24 09:28

12/12/24 08:17

Prep Type: Total/NA Prep Batch: 97669

LCS LCS Spike %Rec Analyte Added Result Qualifier Unit D %Rec Limits Gasoline Range Organics 1000 1179 118 70 - 130 mg/Kg (GRO)-C6-C10 1000 Diesel Range Organics (Over 928.2 mg/Kg 93 70 - 130C10-C28)

LCS LCS Qualifier Limits Surrogate %Recovery 1-Chlorooctane 119 70 - 130 o-Terphenyl 97 70 - 130

Lab Sample ID: LCSD 880-97669/3-A

Matrix: Solid

Analysis Batch: 97688

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA Prep Batch: 97669

LCSD LCSD RPD Spike %Rec Analyte Added Result Qualifier RPD Limit Unit D %Rec Limits Gasoline Range Organics 1000 1179 mg/Kg 118 70 - 130 20 (GRO)-C6-C10 Diesel Range Organics (Over 1000 895.4 mg/Kg 90 70 - 130 20 C10-C28)

LCSD LCSD

%Recovery Qualifier Limits Surrogate 70 - 130 1-Chlorooctane 116 93 70 - 130 o-Terphenyl

Lab Sample ID: MB 880-97693/1-A Client Sample ID: Method Blank

Matrix: Solid

Analysis Batch: 97676

Prep Type: Total/NA

Prep Batch: 97693

мв мв

Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<50.0	U	50.0		mg/Kg		12/12/24 09:26	12/12/24 09:28	1
<50.0	U	50.0		mg/Kg		12/12/24 09:26	12/12/24 09:28	1
<50.0	U	50.0		mg/Kg		12/12/24 09:26	12/12/24 09:28	1
	<50.0 <50.0	Result Qualifier	Result Qualifier RL <50.0	Result Qualifier RL MDL <50.0	<50.0 U 50.0 mg/Kg <50.0 U 50.0 mg/Kg	Result Qualifier RL MDL mg/Kg Unit D <50.0	Result Qualifier RL MDL Unit D Prepared <50.0	Result Qualifier RL MDL mg/Kg Unit D mg/Kg Prepared 12/12/24 09:26 Analyzed 12/12/24 09:28 <50.0

Client: CDH Consulting Job ID: 890-7458-1

Project/Site: JACKSON B - 29Y

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

Lab Sample ID: MB 880-97693/1-A **Matrix: Solid**

Analysis Batch: 97676

Client Sample ID: Method Blank Prep Type: Total/NA

Prep Batch: 97693

%Recovery Qualifier Limits Prepared Analyzed Dil Fac 91 70 - 130 12/12/24 09:26 12/12/24 09:28 75 70 - 130 12/12/24 09:26 12/12/24 09:28

Lab Sample ID: LCS 880-97693/2-A

MB MB

Matrix: Solid

Surrogate

o-Terphenyl

1-Chlorooctane

Analysis Batch: 97676

Client Sample ID: Lab Control Sample Prep Type: Total/NA

Prep Batch: 97693

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit D %Rec Limits 70 - 130 1000 1222 122 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 1099 mg/Kg 110 70 - 130C10-C28)

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	119		70 - 130
o-Terphenyl	109		70 - 130

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analysis Batch: 97676

Matrix: Solid

Lab Sample ID: LCSD 880-97693/3-A

Prep Batch: 97693

	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics	1000	1156		mg/Kg		116	70 - 130	6	20	
(GRO)-C6-C10										
Diesel Range Organics (Over	1000	1003		mg/Kg		100	70 - 130	9	20	
C10-C28)										

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	109		70 - 130
o-Terphenyl	97		70 - 130

Lab Sample ID: 890-7458-2 MS Client Sample ID: SW 13 **Matrix: Solid**

Analysis Batch: 97676

Prep Type: Total/NA Prep Batch: 97693

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1010	954.5		mg/Kg		95	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.9	U	1010	754.9		mg/Kg		75	70 - 130	

MS MS

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	89	_	70 - 130
o-Terphenyl	77		70 - 130

Client: CDH Consulting Job ID: 890-7458-1

Project/Site: JACKSON B - 29Y

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

Lab Sample ID: 890-7458-2 MSD Client Sample ID: SW 13 **Matrix: Solid**

Prep Type: Total/NA Analysis Batch: 97676 Prep Batch: 97693

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	<49.9	U	1010	950.5		mg/Kg		95	70 - 130	0	20
(GRO)-C6-C10											
Diesel Range Organics (Over	<49.9	U	1010	752.9		mg/Kg		75	70 - 130	0	20
C10-C28)											

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	89		70 - 130
o-Terphenyl	76		70 - 130

Lab Sample ID: MB 880-97696/1-A Client Sample ID: Method Blank

Matrix: Solid

Analysis Batch: 97678

Prep Type: Total/NA

Prep Batch: 97696

	IVID	IVID							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		12/12/24 09:29	12/12/24 09:28	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		12/12/24 09:29	12/12/24 09:28	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/12/24 09:29	12/12/24 09:28	1

MB MB

Surrogate	%Recovery Q	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	12/12/24 09:29	12/12/24 09:28	1
o-Terphenyl	98	7	70 - 130	12/12/24 09:29	12/12/24 09:28	1

Lab Sample ID: LCS 880-97696/2-A Client Sample ID: Lab Control Sample

Matrix: Solid Prep Type: Total/NA Prep Batch: 97696

Analysis Batch: 97678 Spike LCS LCS

- F						
Analyte Added	Result	Qualifier	Unit	D	%Rec	Limits
Gasoline Range Organics 1000	922.0		mg/Kg		92	70 - 130
(GRO)-C6-C10						
Diesel Range Organics (Over 1000	915.5		mg/Kg		92	70 - 130
C10-C28)						

LCS LCS

Surrogate	%Recovery Qualifier	Limits
1-Chlorooctane	97	70 - 130
o-Terphenyl	97	70 ₋ 130

Lab Sample ID: LCSD 880-97696/3-A **Client Sample ID: Lab Control Sample Dup**

Matrix: Solid **Analysis Batch: 97678**

Prep Batch: 97696 LCSD LCSD Spike %Rec

	Opino	LOOD	LOOD				/01100		IXI D
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	1136	*1	mg/Kg		114	70 - 130	21	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	1023		mg/Kg		102	70 - 130	11	20
C10-C28)									

Eurofins Carlsbad

Prep Type: Total/NA

Job ID: 890-7458-1 Client: CDH Consulting

Project/Site: JACKSON B - 29Y

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

Lab Sample ID: LCSD 880-97696/3-A **Matrix: Solid**

Analysis Batch: 97678

Client Sample ID: Lab Control Sample Dup

Prep Batch: 97696

Prep Type: Total/NA

LCSD LCSD Surrogate %Recovery Qualifier Limits 1-Chlorooctane 110 70 - 130 o-Terphenyl 109 70 - 130

Lab Sample ID: 890-7458-10 MS Client Sample ID: FL 08 @ 4'

Matrix: Solid

Analysis Batch: 97678

Prep Type: Total/NA Prep Batch: 97696

%Rec

Sample Sample Spike MS MS Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits <49.7 U *1 998 994.8 100 70 - 130Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 998 902.7 83 70.5 mg/Kg 70 - 130C10-C28)

MS MS Surrogate %Recovery Qualifier Limits 70 - 130 1-Chlorooctane 114 110 70 - 130 o-Terphenyl

Lab Sample ID: 890-7458-10 MSD Client Sample ID: FL 08 @ 4'

Matrix: Solid

Analysis Batch: 97678

Prep Type: Total/NA Prep Batch: 97696

Sample Sample MSD MSD RPD Spike Added Analyte Result Qualifier Result Qualifier Unit %Rec Limits RPD Limit D Gasoline Range Organics <49.7 U *1 998 991.8 mg/Kg 99 70 - 130 0 20 (GRO)-C6-C10 Diesel Range Organics (Over 70.5 998 912.7 mg/Kg 84 70 - 130 20

C10-C28)

MSD MSD %Recovery Qualifier Surrogate Limits 70 - 130 1-Chlorooctane 114 70 - 130 o-Terphenyl 110

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-97673/1-A Client Sample ID: Method Blank **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 97684

мв мв

MDL Unit Dil Fac Analyte Result Qualifier RL D Prepared Analyzed Chloride <10.0 U 10.0 mg/Kg 12/12/24 11:46

Lab Sample ID: LCS 880-97673/2-A **Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Soluble**

Analysis Batch: 97684

Spike LCS LCS %Rec Result Analyte Added Qualifier Limits Unit Chloride 250 265.7 mg/Kg 106 90 - 110

Lab Sample ID: LCSD 880-97673/3-A

Method: 300.0 - Anions, Ion Chromatography (Continued)

Sample Sample

Sample Sample

Qualifier

Result

1060

1060

Result Qualifier

QC Sample Results

Spike

Added

250

Spike

Added

251

Spike

Added

251

Client: CDH Consulting Job ID: 890-7458-1

Project/Site: JACKSON B - 29Y

Matrix: Solid

Matrix: Solid

Matrix: Solid

Matrix: Solid

Analyte

Chloride

Analyte

Chloride

Analyte

Chloride

Analyte

Chloride

Analysis Batch: 97684

Analysis Batch: 97684

Analysis Batch: 97684

Lab Sample ID: 890-7458-1 MS

Lab Sample ID: 890-7458-1 MSD

Lab Sample ID: 890-7458-11 MS

LCSD LCSD

MS MS

MSD MSD

Qualifier

Result

1268

1267 4

Result Qualifier

265.4

Result Qualifier

Unit

Unit

mg/Kg

Unit

mg/Kg

D

D

%Rec

81

mg/Kg

%Rec RPD %Rec Limits RPD Limit 106 90 - 110 20

%Rec

Limits

90 - 110

Client Sample ID: Lab Control Sample Dup

Client Sample ID: SW 11 **Prep Type: Soluble**

Prep Type: Soluble

Client Sample ID: SW 11

Prep Type: Soluble

%Rec RPD %Rec Limits **RPD** Limit 90 - 110

Client Sample ID: FL 09 @ 4'

Prep Type: Soluble

Prep Type: Soluble

Client Sample ID: FL 09 @ 4'

MS MS Sample Sample Spike %Rec Result Qualifier Added Result Qualifier Unit %Rec Limits 2520 5120 F1 8639 F1 140 90 - 110 mg/Kg

Lab Sample ID: 890-7458-11 MSD

Matrix: Solid

Analysis Batch: 97684

Analysis Batch: 97684

Sample Sample Spike MSD MSD %Rec RPD Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit 5120 F1 2520 8646 F1 Chloride mg/Kg 140 90 - 110 0 20

Client: CDH Consulting Job ID: 890-7458-1 Project/Site: JACKSON B - 29Y

GC VOA

Analysis Batch: 97662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7458-1	SW 11	Total/NA	Solid	8021B	97682
MB 880-97682/5-A	Method Blank	Total/NA	Solid	8021B	97682
LCS 880-97682/1-A	Lab Control Sample	Total/NA	Solid	8021B	97682
LCSD 880-97682/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	97682

Analysis Batch: 97664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7458-2	SW 13	Total/NA	Solid	8021B	97681
890-7458-3	SW 12	Total/NA	Solid	8021B	97681
890-7458-4	SW 14	Total/NA	Solid	8021B	97681
890-7458-5	FL 03 @ 1'	Total/NA	Solid	8021B	97681
890-7458-6	FL 04 @ 1'	Total/NA	Solid	8021B	97681
890-7458-7	SW 4	Total/NA	Solid	8021B	97681
890-7458-8	SW 5	Total/NA	Solid	8021B	97681
MB 880-97681/5-A	Method Blank	Total/NA	Solid	8021B	97681
LCS 880-97681/1-A	Lab Control Sample	Total/NA	Solid	8021B	97681
LCSD 880-97681/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	97681
890-7458-2 MS	SW 13	Total/NA	Solid	8021B	97681
890-7458-2 MSD	SW 13	Total/NA	Solid	8021B	97681

Prep Batch: 97671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7458-9	FL 05 @ 2'	Total/NA	Solid	5035	
890-7458-10	FL 08 @ 4'	Total/NA	Solid	5035	
890-7458-11	FL 09 @ 4'	Total/NA	Solid	5035	
890-7458-12	FL 10 @ 4'	Total/NA	Solid	5035	
890-7458-13	FL 11 @ 4'	Total/NA	Solid	5035	
890-7458-14	FL 12 @ 4'	Total/NA	Solid	5035	
890-7458-15	SW 08	Total/NA	Solid	5035	
MB 880-97671/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-97671/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-97671/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 97674

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7458-9	FL 05 @ 2'	Total/NA	Solid	8021B	97671
890-7458-10	FL 08 @ 4'	Total/NA	Solid	8021B	97671
890-7458-11	FL 09 @ 4'	Total/NA	Solid	8021B	97671
890-7458-12	FL 10 @ 4'	Total/NA	Solid	8021B	97671
890-7458-13	FL 11 @ 4'	Total/NA	Solid	8021B	97671
890-7458-14	FL 12 @ 4'	Total/NA	Solid	8021B	97671
890-7458-15	SW 08	Total/NA	Solid	8021B	97671
MB 880-97671/5-A	Method Blank	Total/NA	Solid	8021B	97671
LCS 880-97671/1-A	Lab Control Sample	Total/NA	Solid	8021B	97671
LCSD 880-97671/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	97671

Prep Batch: 97681

Lab Sample ID 890-7458-2	Client Sample ID SW 13	Prep Type Total/NA	Matrix Solid	Method 5035	Prep Batch
890-7458-3	SW 12	Total/NA	Solid	5035	
890-7458-4	SW 14	Total/NA	Solid	5035	

Client: CDH Consulting Job ID: 890-7458-1 Project/Site: JACKSON B - 29Y

GC VOA (Continued)

Prep Batch: 97681 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7458-5	FL 03 @ 1'	Total/NA	Solid	5035	
890-7458-6	FL 04 @ 1'	Total/NA	Solid	5035	
890-7458-7	SW 4	Total/NA	Solid	5035	
890-7458-8	SW 5	Total/NA	Solid	5035	
MB 880-97681/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-97681/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-97681/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7458-2 MS	SW 13	Total/NA	Solid	5035	
890-7458-2 MSD	SW 13	Total/NA	Solid	5035	
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Prep Batch: 97682

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7458-1	SW 11	Total/NA	Solid	5035	
MB 880-97682/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-97682/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-97682/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 97685

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7458-16	SW 09	Total/NA	Solid	5035	
890-7458-17	SW 10	Total/NA	Solid	5035	
MB 880-97685/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-97685/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-97685/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7458-16 MS	SW 09	Total/NA	Solid	5035	
890-7458-16 MSD	SW 09	Total/NA	Solid	5035	

Analysis Batch: 97700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7458-16	SW 09	Total/NA	Solid	8021B	97685
890-7458-17	SW 10	Total/NA	Solid	8021B	97685
MB 880-97685/5-A	Method Blank	Total/NA	Solid	8021B	97685
LCS 880-97685/1-A	Lab Control Sample	Total/NA	Solid	8021B	97685
LCSD 880-97685/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	97685
890-7458-16 MS	SW 09	Total/NA	Solid	8021B	97685
890-7458-16 MSD	SW 09	Total/NA	Solid	8021B	97685

Analysis Batch: 97753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
890-7458-1	SW 11	Total/NA	Solid	Total BTEX	
890-7458-2	SW 13	Total/NA	Solid	Total BTEX	
890-7458-3	SW 12	Total/NA	Solid	Total BTEX	
890-7458-4	SW 14	Total/NA	Solid	Total BTEX	
890-7458-5	FL 03 @ 1'	Total/NA	Solid	Total BTEX	
890-7458-6	FL 04 @ 1'	Total/NA	Solid	Total BTEX	
890-7458-7	SW 4	Total/NA	Solid	Total BTEX	
890-7458-8	SW 5	Total/NA	Solid	Total BTEX	
890-7458-9	FL 05 @ 2'	Total/NA	Solid	Total BTEX	
890-7458-10	FL 08 @ 4'	Total/NA	Solid	Total BTEX	
390-7458-11	FL 09 @ 4'	Total/NA	Solid	Total BTEX	
890-7458-12	FL 10 @ 4'	Total/NA	Solid	Total BTEX	

Client: CDH Consulting Job ID: 890-7458-1

Project/Site: JACKSON B - 29Y

GC VOA (Continued)

Analysis Batch: 977	53 (Continued)				Prep Batcl			
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl			
890-7458-13	FL 11 @ 4'	Total/NA	Solid	Total BTEX				
000 7450 14	FL 10 @ 4!	Total/NIA	Calid	Total DTEV				

FL 12 @ 4 890-7458-14 Total/NA Total BTEX Solid Total/NA SW 08 890-7458-15 Solid Total BTEX 890-7458-16 SW 09 Total/NA Solid Total BTEX 890-7458-17 SW 10 Total/NA Solid Total BTEX

GC Semi VOA

Prep Batch: 97669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method Pre	ep Batch
890-7458-1	SW 11	Total/NA	Solid	8015NM Prep	
MB 880-97669/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-97669/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-97669/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 97676

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7458-2	SW 13	Total/NA	Solid	8015B NM	97693
890-7458-3	SW 12	Total/NA	Solid	8015B NM	97693
890-7458-4	SW 14	Total/NA	Solid	8015B NM	97693
890-7458-5	FL 03 @ 1'	Total/NA	Solid	8015B NM	97693
890-7458-6	FL 04 @ 1'	Total/NA	Solid	8015B NM	97693
890-7458-7	SW 4	Total/NA	Solid	8015B NM	97693
890-7458-8	SW 5	Total/NA	Solid	8015B NM	97693
890-7458-9	FL 05 @ 2'	Total/NA	Solid	8015B NM	97693
MB 880-97693/1-A	Method Blank	Total/NA	Solid	8015B NM	97693
LCS 880-97693/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	97693
LCSD 880-97693/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	97693
890-7458-2 MS	SW 13	Total/NA	Solid	8015B NM	97693
890-7458-2 MSD	SW 13	Total/NA	Solid	8015B NM	97693

Analysis Batch: 97678

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7458-10	FL 08 @ 4'	Total/NA	Solid	8015B NM	97696
890-7458-11	FL 09 @ 4'	Total/NA	Solid	8015B NM	97696
890-7458-12	FL 10 @ 4'	Total/NA	Solid	8015B NM	97696
890-7458-13	FL 11 @ 4'	Total/NA	Solid	8015B NM	97696
890-7458-14	FL 12 @ 4'	Total/NA	Solid	8015B NM	97696
890-7458-15	SW 08	Total/NA	Solid	8015B NM	97696
890-7458-16	SW 09	Total/NA	Solid	8015B NM	97696
890-7458-17	SW 10	Total/NA	Solid	8015B NM	97696
MB 880-97696/1-A	Method Blank	Total/NA	Solid	8015B NM	97696
LCS 880-97696/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	97696
LCSD 880-97696/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	97696
890-7458-10 MS	FL 08 @ 4'	Total/NA	Solid	8015B NM	97696
890-7458-10 MSD	FL 08 @ 4'	Total/NA	Solid	8015B NM	97696

Analysis Batch: 97688

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7458-1	SW 11	Total/NA	Solid	8015B NM	97669
MB 880-97669/1-A	Method Blank	Total/NA	Solid	8015B NM	97669

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Client: CDH Consulting Job ID: 890-7458-1

Project/Site: JACKSON B - 29Y

GC Semi VOA (Continued)

Analysis Batch: 97688 (Continued)

	Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
	LCS 880-97669/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	97669
İ	LCSD 880-97669/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	97669

Prep Batch: 97693

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7458-2	SW 13	Total/NA	Solid	8015NM Prep	
890-7458-3	SW 12	Total/NA	Solid	8015NM Prep	
890-7458-4	SW 14	Total/NA	Solid	8015NM Prep	
890-7458-5	FL 03 @ 1'	Total/NA	Solid	8015NM Prep	
890-7458-6	FL 04 @ 1'	Total/NA	Solid	8015NM Prep	
890-7458-7	SW 4	Total/NA	Solid	8015NM Prep	
890-7458-8	SW 5	Total/NA	Solid	8015NM Prep	
890-7458-9	FL 05 @ 2'	Total/NA	Solid	8015NM Prep	
MB 880-97693/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-97693/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-97693/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7458-2 MS	SW 13	Total/NA	Solid	8015NM Prep	
890-7458-2 MSD	SW 13	Total/NA	Solid	8015NM Prep	

Prep Batch: 97696

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7458-10	FL 08 @ 4'	Total/NA	Solid	8015NM Prep	
890-7458-11	FL 09 @ 4'	Total/NA	Solid	8015NM Prep	
890-7458-12	FL 10 @ 4'	Total/NA	Solid	8015NM Prep	
890-7458-13	FL 11 @ 4'	Total/NA	Solid	8015NM Prep	
890-7458-14	FL 12 @ 4'	Total/NA	Solid	8015NM Prep	
890-7458-15	SW 08	Total/NA	Solid	8015NM Prep	
890-7458-16	SW 09	Total/NA	Solid	8015NM Prep	
890-7458-17	SW 10	Total/NA	Solid	8015NM Prep	
MB 880-97696/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-97696/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-97696/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7458-10 MS	FL 08 @ 4'	Total/NA	Solid	8015NM Prep	
890-7458-10 MSD	FL 08 @ 4'	Total/NA	Solid	8015NM Prep	

Analysis Batch: 97768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7458-1	SW 11	Total/NA	Solid	8015 NM	
890-7458-2	SW 13	Total/NA	Solid	8015 NM	
890-7458-3	SW 12	Total/NA	Solid	8015 NM	
890-7458-4	SW 14	Total/NA	Solid	8015 NM	
890-7458-5	FL 03 @ 1'	Total/NA	Solid	8015 NM	
890-7458-6	FL 04 @ 1'	Total/NA	Solid	8015 NM	
890-7458-7	SW 4	Total/NA	Solid	8015 NM	
890-7458-8	SW 5	Total/NA	Solid	8015 NM	
890-7458-9	FL 05 @ 2'	Total/NA	Solid	8015 NM	
890-7458-10	FL 08 @ 4'	Total/NA	Solid	8015 NM	
890-7458-11	FL 09 @ 4'	Total/NA	Solid	8015 NM	
890-7458-12	FL 10 @ 4'	Total/NA	Solid	8015 NM	
890-7458-13	FL 11 @ 4'	Total/NA	Solid	8015 NM	
890-7458-14	FL 12 @ 4'	Total/NA	Solid	8015 NM	

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Client: CDH Consulting Job ID: 890-7458-1

Project/Site: JACKSON B - 29Y

GC Semi VOA (Continued)

Analysis Batch: 97768 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7458-15	SW 08	Total/NA	Solid	8015 NM	
890-7458-16	SW 09	Total/NA	Solid	8015 NM	
890-7458-17	SW 10	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 97673

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7458-1	SW 11	Soluble	Solid	DI Leach	
890-7458-2	SW 13	Soluble	Solid	DI Leach	
890-7458-3	SW 12	Soluble	Solid	DI Leach	
890-7458-4	SW 14	Soluble	Solid	DI Leach	
890-7458-5	FL 03 @ 1'	Soluble	Solid	DI Leach	
890-7458-6	FL 04 @ 1'	Soluble	Solid	DI Leach	
890-7458-7	SW 4	Soluble	Solid	DI Leach	
890-7458-8	SW 5	Soluble	Solid	DI Leach	
890-7458-9	FL 05 @ 2'	Soluble	Solid	DI Leach	
890-7458-10	FL 08 @ 4'	Soluble	Solid	DI Leach	
890-7458-11	FL 09 @ 4'	Soluble	Solid	DI Leach	
890-7458-12	FL 10 @ 4'	Soluble	Solid	DI Leach	
890-7458-13	FL 11 @ 4'	Soluble	Solid	DI Leach	
890-7458-14	FL 12 @ 4'	Soluble	Solid	DI Leach	
890-7458-15	SW 08	Soluble	Solid	DI Leach	
890-7458-16	SW 09	Soluble	Solid	DI Leach	
890-7458-17	SW 10	Soluble	Solid	DI Leach	
MB 880-97673/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-97673/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-97673/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7458-1 MS	SW 11	Soluble	Solid	DI Leach	
890-7458-1 MSD	SW 11	Soluble	Solid	DI Leach	
890-7458-11 MS	FL 09 @ 4'	Soluble	Solid	DI Leach	
890-7458-11 MSD	FL 09 @ 4'	Soluble	Solid	DI Leach	

Analysis Batch: 97684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7458-1	SW 11	Soluble	Solid	300.0	97673
890-7458-2	SW 13	Soluble	Solid	300.0	97673
890-7458-3	SW 12	Soluble	Solid	300.0	97673
890-7458-4	SW 14	Soluble	Solid	300.0	97673
890-7458-5	FL 03 @ 1'	Soluble	Solid	300.0	97673
890-7458-6	FL 04 @ 1'	Soluble	Solid	300.0	97673
890-7458-7	SW 4	Soluble	Solid	300.0	97673
890-7458-8	SW 5	Soluble	Solid	300.0	97673
890-7458-9	FL 05 @ 2'	Soluble	Solid	300.0	97673
890-7458-10	FL 08 @ 4'	Soluble	Solid	300.0	97673
890-7458-11	FL 09 @ 4'	Soluble	Solid	300.0	97673
890-7458-12	FL 10 @ 4'	Soluble	Solid	300.0	97673
890-7458-13	FL 11 @ 4'	Soluble	Solid	300.0	97673
890-7458-14	FL 12 @ 4'	Soluble	Solid	300.0	97673
890-7458-15	SW 08	Soluble	Solid	300.0	97673
890-7458-16	SW 09	Soluble	Solid	300.0	97673

QC Association Summary

Client: CDH Consulting

Job ID: 890-7458-1

Project/Site: JACKSON B - 29Y

HPLC/IC (Continued)

Analysis Batch: 97684 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7458-17	SW 10	Soluble	Solid	300.0	97673
MB 880-97673/1-A	Method Blank	Soluble	Solid	300.0	97673
LCS 880-97673/2-A	Lab Control Sample	Soluble	Solid	300.0	97673
LCSD 880-97673/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	97673
890-7458-1 MS	SW 11	Soluble	Solid	300.0	97673
890-7458-1 MSD	SW 11	Soluble	Solid	300.0	97673
890-7458-11 MS	FL 09 @ 4'	Soluble	Solid	300.0	97673
890-7458-11 MSD	FL 09 @ 4'	Soluble	Solid	300.0	97673

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Job ID: 890-7458-1

Client Sample ID: SW 11

Lab Sample ID: 890-7458-1

Matrix: Solid

Date Collected: 12/11/24 00:00 Date Received: 12/11/24 15:10

Project/Site: JACKSON B - 29Y

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			97682	MNR	EET MID	12/12/24 09:12
Total/NA	Analysis	8021B		1	97662	MNR	EET MID	12/12/24 13:05
Total/NA	Analysis	Total BTEX		1	97753	AJ	EET MID	12/12/24 13:05
Total/NA	Analysis	8015 NM		1	97768	AJ	EET MID	12/12/24 13:26
Total/NA	Prep	8015NM Prep			97669	EL	EET MID	12/12/24 08:17
Total/NA	Analysis	8015B NM		1	97688	TKC	EET MID	12/12/24 13:26
Soluble	Leach	DI Leach			97673	SA	EET MID	12/12/24 08:43
Soluble	Analysis	300.0		1	97684	CH	EET MID	12/12/24 12:04

Client Sample ID: SW 13 Lab Sample ID: 890-7458-2

Date Collected: 12/11/24 07:26 Matrix: Solid Date Received: 12/11/24 15:10

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			97681	MNR	EET MID	12/12/24 09:01
Total/NA	Analysis	8021B		1	97664	MNR	EET MID	12/12/24 11:31
Total/NA	Analysis	Total BTEX		1	97753	AJ	EET MID	12/12/24 11:31
Total/NA	Analysis	8015 NM		1	97768	AJ	EET MID	12/12/24 11:25
Total/NA	Prep	8015NM Prep			97693	TKC	EET MID	12/12/24 09:2
Total/NA	Analysis	8015B NM		1	97676	TKC	EET MID	12/12/24 11:25
Soluble	Leach	DI Leach			97673	SA	EET MID	12/12/24 08:43
Soluble	Analysis	300.0		1	97684	CH	EET MID	12/12/24 12:2

Client Sample ID: SW 12 Lab Sample ID: 890-7458-3

Date Collected: 12/11/24 07:30 **Matrix: Solid** Date Received: 12/11/24 15:10

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			97681	MNR	EET MID	12/12/24 09:01
Total/NA	Analysis	8021B		1	97664	MNR	EET MID	12/12/24 12:53
Total/NA	Analysis	Total BTEX		1	97753	AJ	EET MID	12/12/24 12:53
Total/NA	Analysis	8015 NM		1	97768	AJ	EET MID	12/12/24 12:12
Total/NA	Prep	8015NM Prep			97693	TKC	EET MID	12/12/24 09:27
Total/NA	Analysis	8015B NM		1	97676	TKC	EET MID	12/12/24 12:12
Soluble	Leach	DI Leach			97673	SA	EET MID	12/12/24 08:43
Soluble	Analysis	300.0		1	97684	CH	EET MID	12/12/24 12:27

Client Sample ID: SW 14 Lab Sample ID: 890-7458-4 Date Collected: 12/11/24 07:35 **Matrix: Solid**

Date Received: 12/11/24 15:10

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			97681	MNR	EET MID	12/12/24 09:01
Total/NA	Analysis	8021B		1	97664	MNR	EET MID	12/12/24 13:13
Total/NA	Analysis	Total BTEX		1	97753	AJ	EET MID	12/12/24 13:13

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Client: CDH Consulting Project/Site: JACKSON B - 29Y

Client Sample ID: SW 14

Lab Sample ID: 890-7458-4 Date Collected: 12/11/24 07:35

Matrix: Solid

Date Received: 12/11/24 15:10

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Analysis	8015 NM		1	97768	AJ	EET MID	12/12/24 12:28
Total/NA	Prep	8015NM Prep			97693	TKC	EET MID	12/12/24 09:27
Total/NA	Analysis	8015B NM		1	97676	TKC	EET MID	12/12/24 12:28
Soluble	Leach	DI Leach			97673	SA	EET MID	12/12/24 08:43
Soluble	Analysis	300.0		5	97684	CH	EET MID	12/12/24 12:33

Client Sample ID: FL 03 @ 1' Lab Sample ID: 890-7458-5

Date Collected: 12/11/24 07:39 **Matrix: Solid** Date Received: 12/11/24 15:10

Batch Batch Dilution Batch Prepared Prep Type Method or Analyzed Type Run Factor Number Analyst Lab 12/12/24 09:01 Total/NA 5035 Prep 97681 MNR **EET MID** Total/NA Analysis 8021B 97664 MNR **EET MID** 12/12/24 13:34 1 Total/NA Total BTEX Analysis 1 97753 AJ **EET MID** 12/12/24 13:34 Total/NA Analysis 8015 NM 97768 AJ **EET MID** 12/12/24 12:43 1 Total/NA Prep 8015NM Prep 97693 TKC **EET MID** 12/12/24 09:27 Total/NA Analysis 8015B NM 97676 TKC **EET MID** 12/12/24 12:43 1 Soluble Leach DI Leach 97673 SA **EET MID** 12/12/24 08:43 EET MID Soluble Analysis 300.0 5 97684 CH 12/12/24 12:39

Client Sample ID: FL 04 @ 1' Lab Sample ID: 890-7458-6

Date Collected: 12/11/24 09:09 Date Received: 12/11/24 15:10

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			97681	MNR	EET MID	12/12/24 09:01
Total/NA	Analysis	8021B		1	97664	MNR	EET MID	12/12/24 13:54
Total/NA	Analysis	Total BTEX		1	97753	AJ	EET MID	12/12/24 13:54
Total/NA	Analysis	8015 NM		1	97768	AJ	EET MID	12/12/24 12:59
Total/NA	Prep	8015NM Prep			97693	TKC	EET MID	12/12/24 09:27
Total/NA	Analysis	8015B NM		1	97676	TKC	EET MID	12/12/24 12:59
Soluble	Leach	DI Leach			97673	SA	EET MID	12/12/24 08:43
Soluble	Analysis	300.0		1	97684	CH	EET MID	12/12/24 12:57

Client Sample ID: SW 4 Lab Sample ID: 890-7458-7

Date Collected: 12/11/24 09:15 **Matrix: Solid** Date Received: 12/11/24 15:10

_	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			97681	MNR	EET MID	12/12/24 09:01
Total/NA	Analysis	8021B		1	97664	MNR	EET MID	12/12/24 14:15
Total/NA	Analysis	Total BTEX		1	97753	AJ	EET MID	12/12/24 14:15
Total/NA	Analysis	8015 NM		1	97768	AJ	EET MID	12/12/24 13:15
Total/NA	Prep	8015NM Prep			97693	TKC	EET MID	12/12/24 09:27
Total/NA	Analysis	8015B NM		1	97676	TKC	EET MID	12/12/24 13:15

Eurofins Carlsbad

Matrix: Solid

Client: CDH Consulting

Project/Site: JACKSON B - 29Y

Lab Sample ID: 890-7458-7

Matrix: Solid

Job ID: 890-7458-1

Client Sample ID: SW 4 Date Collected: 12/11/24 09:15

Date Received: 12/11/24 15:10

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Soluble	Leach	DI Leach			97673	SA	EET MID	12/12/24 08:43
Soluble	Analysis	300.0		1	97684	CH	EET MID	12/12/24 13:03

Client Sample ID: SW 5 Lab Sample ID: 890-7458-8

Matrix: Solid

Date Collected: 12/11/24 09:25 Date Received: 12/11/24 15:10

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			97681	MNR	EET MID	12/12/24 09:01
Total/NA	Analysis	8021B		1	97664	MNR	EET MID	12/12/24 14:35
Total/NA	Analysis	Total BTEX		1	97753	AJ	EET MID	12/12/24 14:35
Total/NA	Analysis	8015 NM		1	97768	AJ	EET MID	12/12/24 13:31
Total/NA	Prep	8015NM Prep			97693	TKC	EET MID	12/12/24 09:27
Total/NA	Analysis	8015B NM		1	97676	TKC	EET MID	12/12/24 13:31
Soluble	Leach	DI Leach			97673	SA	EET MID	12/12/24 08:43
Soluble	Analysis	300.0		1	97684	CH	EET MID	12/12/24 13:09

Client Sample ID: FL 05 @ 2' Lab Sample ID: 890-7458-9

Date Collected: 12/11/24 11:01 **Matrix: Solid**

Date Received: 12/11/24 15:10

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			97671	MNR	EET MID	12/12/24 08:29
Total/NA	Analysis	8021B		1	97674	MNR	EET MID	12/12/24 13:00
Total/NA	Analysis	Total BTEX		1	97753	AJ	EET MID	12/12/24 13:00
Total/NA	Analysis	8015 NM		1	97768	AJ	EET MID	12/12/24 13:47
Total/NA	Prep	8015NM Prep			97693	TKC	EET MID	12/12/24 09:27
Total/NA	Analysis	8015B NM		1	97676	TKC	EET MID	12/12/24 13:47
Soluble	Leach	DI Leach			97673	SA	EET MID	12/12/24 08:43
Soluble	Analysis	300.0		1	97684	CH	EET MID	12/12/24 13:14

Client Sample ID: FL 08 @ 4' Lab Sample ID: 890-7458-10

Date Collected: 12/11/24 09:57 **Matrix: Solid** Date Received: 12/11/24 15:10

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			97671	MNR	EET MID	12/12/24 08:29
Total/NA	Analysis	8021B		1	97674	MNR	EET MID	12/12/24 13:21
Total/NA	Analysis	Total BTEX		1	97753	AJ	EET MID	12/12/24 13:21
Total/NA	Analysis	8015 NM		1	97768	AJ	EET MID	12/12/24 11:25
Total/NA	Prep	8015NM Prep			97696	TKC	EET MID	12/12/24 09:29
Total/NA	Analysis	8015B NM		1	97678	TKC	EET MID	12/12/24 11:25
Soluble	Leach	DI Leach			97673	SA	EET MID	12/12/24 08:43
Soluble	Analysis	300.0		1	97684	CH	EET MID	12/12/24 13:20

Eurofins Carlsbad

Project/Site: JACKSON B - 29Y

Client: CDH Consulting

Client Sample ID: FL 09 @ 4'

Lab Sample ID: 890-7458-11

Matrix: Solid

Date Collected: 12/11/24 10:21 Date Received: 12/11/24 15:10

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			97671	MNR	EET MID	12/12/24 08:29
Total/NA	Analysis	8021B		1	97674	MNR	EET MID	12/12/24 13:41
Total/NA	Analysis	Total BTEX		1	97753	AJ	EET MID	12/12/24 13:41
Total/NA	Analysis	8015 NM		1	97768	AJ	EET MID	12/12/24 12:12
Total/NA	Prep	8015NM Prep			97696	TKC	EET MID	12/12/24 09:29
Total/NA	Analysis	8015B NM		1	97678	TKC	EET MID	12/12/24 12:12
Soluble	Leach	DI Leach			97673	SA	EET MID	12/12/24 08:43
Soluble	Analysis	300.0		10	97684	CH	EET MID	12/12/24 13:26

Client Sample ID: FL 10 @ 4'

Lab Sample ID: 890-7458-12 Date Collected: 12/11/24 10:29

Matrix: Solid

Date Received: 12/11/24 15:10

Batch Dilution Batch Batch Prepared Prep Type Туре Method Run Factor **Number Analyst** Lab or Analyzed Prep 5035 12/12/24 08:29 Total/NA 97671 MNR EET MID Total/NA 8021B 97674 MNR 12/12/24 14:01 Analysis 1 EET MID Total/NA Total BTEX 12/12/24 14:01 Analysis 1 97753 AJ **EET MID** Total/NA Analysis 8015 NM 97768 AJ **EET MID** 12/12/24 12:28 Total/NA EET MID 12/12/24 09:29 Prep 8015NM Prep 97696 TKC Total/NA Analysis 8015B NM 97678 TKC **EET MID** 12/12/24 12:28 12/12/24 08:43 Soluble **EET MID** Leach DI Leach 97673 SA Soluble Analysis 300.0 5 97684 CH **EET MID** 12/12/24 13:44

Client Sample ID: FL 11 @ 4'

Lab Sample ID: 890-7458-13 Date Collected: 12/11/24 10:32 **Matrix: Solid**

Date Received: 12/11/24 15:10

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			97671	MNR	EET MID	12/12/24 08:29
Total/NA	Analysis	8021B		1	97674	MNR	EET MID	12/12/24 14:22
Total/NA	Analysis	Total BTEX		1	97753	AJ	EET MID	12/12/24 14:22
Total/NA	Analysis	8015 NM		1	97768	AJ	EET MID	12/12/24 12:43
Total/NA	Prep	8015NM Prep			97696	TKC	EET MID	12/12/24 09:29
Total/NA	Analysis	8015B NM		1	97678	TKC	EET MID	12/12/24 12:43
Soluble	Leach	DI Leach			97673	SA	EET MID	12/12/24 08:43
Soluble	Analysis	300.0		5	97684	CH	EET MID	12/12/24 13:50

Client Sample ID: FL 12 @ 4'

Date Collected: 12/11/24 10:43 **Matrix: Solid**

Date Received: 12/11/24 15:10

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			97671	MNR	EET MID	12/12/24 08:29
Total/NA	Analysis	8021B		1	97674	MNR	EET MID	12/12/24 14:42
Total/NA	Analysis	Total BTEX		1	97753	AJ	EET MID	12/12/24 14:42

Eurofins Carlsbad

Lab Sample ID: 890-7458-14

Lab Chronicle

Client: CDH Consulting

Project/Site: JACKSON B - 29Y

Lab Sample ID: 890-7458-14

Matrix: Solid

Job ID: 890-7458-1

Client Sample ID: FL 12 @ 4' Date Collected: 12/11/24 10:43

Date Received: 12/11/24 15:10

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Analysis	8015 NM		1	97768	AJ	EET MID	12/12/24 12:59
Total/NA	Prep	8015NM Prep			97696	TKC	EET MID	12/12/24 09:29
Total/NA	Analysis	8015B NM		1	97678	TKC	EET MID	12/12/24 12:59
Soluble	Leach	DI Leach			97673	SA	EET MID	12/12/24 08:43
Soluble	Analysis	300.0		10	97684	CH	EET MID	12/12/24 14:08

Client Sample ID: SW 08 Lab Sample ID: 890-7458-15

Matrix: Solid

Date Collected: 12/11/24 10:51

Date Received: 12/11/24 15:10

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			97671	MNR	EET MID	12/12/24 08:29
Total/NA	Analysis	8021B		1	97674	MNR	EET MID	12/12/24 15:03
Total/NA	Analysis	Total BTEX		1	97753	AJ	EET MID	12/12/24 15:03
Total/NA	Analysis	8015 NM		1	97768	AJ	EET MID	12/12/24 13:15
Total/NA	Prep	8015NM Prep			97696	TKC	EET MID	12/12/24 09:29
Total/NA	Analysis	8015B NM		1	97678	TKC	EET MID	12/12/24 13:15
Soluble	Leach	DI Leach			97673	SA	EET MID	12/12/24 08:43
Soluble	Analysis	300.0		5	97684	CH	EET MID	12/12/24 14:13

Client Sample ID: SW 09 Lab Sample ID: 890-7458-16 Date Collected: 12/11/24 11:12 **Matrix: Solid**

Date Received: 12/11/24 15:10

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			97685	MNR	EET MID	12/12/24 09:18
Total/NA	Analysis	8021B		1	97700	MNR	EET MID	12/12/24 12:02
Total/NA	Analysis	Total BTEX		1	97753	AJ	EET MID	12/12/24 12:02
Total/NA	Analysis	8015 NM		1	97768	AJ	EET MID	12/12/24 13:31
Total/NA	Prep	8015NM Prep			97696	TKC	EET MID	12/12/24 09:29
Total/NA	Analysis	8015B NM		1	97678	TKC	EET MID	12/12/24 13:31
Soluble	Leach	DI Leach			97673	SA	EET MID	12/12/24 08:43
Soluble	Analysis	300.0		1	97684	CH	EET MID	12/12/24 14:19

Lab Sample ID: 890-7458-17 Client Sample ID: SW 10

Date Collected: 12/11/24 13:52 Date Received: 12/11/24 15:10

-	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			97685	MNR	EET MID	12/12/24 09:18
Total/NA	Analysis	8021B		1	97700	MNR	EET MID	12/12/24 12:22
Total/NA	Analysis	Total BTEX		1	97753	AJ	EET MID	12/12/24 12:22
Total/NA	Analysis	8015 NM		1	97768	AJ	EET MID	12/12/24 13:47
Total/NA	Prep	8015NM Prep			97696	TKC	EET MID	12/12/24 09:29
Total/NA	Analysis	8015B NM		1	97678	TKC	EET MID	12/12/24 13:47

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Matrix: Solid

Lab Chronicle

Client: CDH Consulting Job ID: 890-7458-1

Project/Site: JACKSON B - 29Y

Client Sample ID: SW 10 Lab Sample ID: 890-7458-17

Date Collected: 12/11/24 13:52 Matrix: Solid Date Received: 12/11/24 15:10

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Soluble	Leach	DI Leach			97673	SA	EET MID	12/12/24 08:43
Soluble	Analysis	300.0		1	97684	CH	EET MID	12/12/24 14:25

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Carlsbad

Accreditation/Certification Summary

Client: CDH Consulting

Job ID: 890-7458-1

Project/Site: JACKSON B - 29Y

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Progra	am	Identification Number	Expiration Date
Texas	NELA	Р	T104704400	06-30-25
The following analytes	are included in this report, bu	ut the laboratory is not certi	fied by the governing authority. This lis	t may include analytes
for which the agency do	oes 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: JACKSON B - 29Y

Job ID: 890-7458-1

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

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Sample Summary

Client: CDH Consulting

Project/Site: JACKSON B - 29Y

Job ID: 890-7458-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7458-1	SW 11	Solid	12/11/24 00:00	12/11/24 15:10	<u> </u>
890-7458-2	SW 13	Solid	12/11/24 07:26	12/11/24 15:10	
890-7458-3	SW 12	Solid	12/11/24 07:30	12/11/24 15:10	
890-7458-4	SW 14	Solid	12/11/24 07:35	12/11/24 15:10	
890-7458-5	FL 03 @ 1'	Solid	12/11/24 07:39	12/11/24 15:10	2'
890-7458-6	FL 04 @ 1'	Solid	12/11/24 09:09	12/11/24 15:10	2'
890-7458-7	SW 4	Solid	12/11/24 09:15	12/11/24 15:10	
890-7458-8	SW 5	Solid	12/11/24 09:25	12/11/24 15:10	
890-7458-9	FL 05 @ 2'	Solid	12/11/24 11:01	12/11/24 15:10	2'
890-7458-10	FL 08 @ 4'	Solid	12/11/24 09:57	12/11/24 15:10	4'
890-7458-11	FL 09 @ 4'	Solid	12/11/24 10:21	12/11/24 15:10	4'
890-7458-12	FL 10 @ 4'	Solid	12/11/24 10:29	12/11/24 15:10	4'
890-7458-13	FL 11 @ 4'	Solid	12/11/24 10:32	12/11/24 15:10	4'
890-7458-14	FL 12 @ 4'	Solid	12/11/24 10:43	12/11/24 15:10	4'
890-7458-15	SW 08	Solid	12/11/24 10:51	12/11/24 15:10	
890-7458-16	SW 09	Solid	12/11/24 11:12	12/11/24 15:10	
890-7458-17	SW 10	Solid	12/11/24 13:52	12/11/24 15:10	

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eurotins ***	+	esting	Mis	louston, TX lland, TX (43	281) 240-4200, Di	Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300 Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334		Work Order No:	No:	
	Xenco		ш :	Paso, TX (9	5) 585-3443, Lubk	EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296				
			L	c) MN (sago	(5) 392 -7550, Can	Hodds, NM (5/3) 392-7330, Caffsdad, NM (5/2) 988-5199		www.xenco.com	.com Page	6
Project Manager:	MIChael Wickey		Bill to: (if different)	erent)				Work Orc	Work Order Comments	
Company Name:	PDH CONSULTING	110	Company Name:	me:			Program:	m: UST/PST PRP	Brownfields ☐ RF	RRC Superfund
Address:			Address:				State o	State of Project:		
City, State ZIP:			City, State ZIP:	ė.			Report	Reporting: Level II Level III	PST/UST	TRRP Level IV
	6548-079-010		MW	Cerec	2dh Cons	Email: MILLICKEN OCCHICONSULT, COM	Deliverables:	rables: EDD 🗌	ADaPT Other:	er:
Project Name:	Inckson 8-394	Turr	Turn Around			ANALYSIS REQUEST	REQUEST		Preserv	Preservative Codes
Project Number:		Routine	Rush	Pres. Code					None: NO	DI Water: H ₂ O
Project Location:	wa Hills som	Due Date:	19.10-DU	h(Cool: Cool	MeOH: Me
Sampler's Name:	Delwaten Gueto	TAT starts the	TAT starts the day received by the lab, if received by 4:30pm	> 5					HCL: HC H ₂ S0 ₄ : H ₂	HNO 3: HN NaOH: Na
SAMPLE RECEIPT	Tems Blank: Yes No	, Wet Ice:	Yes No	eters	ภ				H ₃ PO ₄ : HP	
Samples Received Intact:	Yes No Thern	eter ID:	1 NACC	1	0<				NaHSO 4: NABIS	315
Cooler Custody Seals:	Yes No N/A	n Factor:	2.0.		ĪE	800-7458 C			Na ₂ S ₂ O ₃ : NaSO	٥٠ ،
Sample Custody Seals:	Yes No N/A	Temperature Reading:	1.4		19				Zn Acetate+NaOH: Zn	laOH: Zn
Total Containers:	Corrected	Corrected Temperature:	1.7	T	- \				NaOH+Ascork	NaOH+Ascorbic Acid: SAPC
Sample Identification	fication Matrix Sampled	Time Sampled	Depth Cc	Grab/ # of Comp Cont	72		:	1	Sample	Sample Comments
136	Me-11-81 S	y 7:36	3	Courp						
3w13	Fore-11-61 S	W 7:30	3	Comp 1						
Swia	W211611	4 71,35	.3	Count 1						
	War-11-21	W 7:39	3	Comp 1						
fL03@1		W 9:09	7, 6	comp 1						
FLOY@1	Weg-11-21 S	91:15	7,7	Guy 1						
SWY		W 9:35	3	Comp						
SWS	S 12.11-24	4 11:01		Cano 1						
40507	Km-11-12	M 9:57	J' Co	Comp						
FWYCH	, S	W-11-20/10:01	4,	Comp	7					
Total 200.7 / 6010 Circle Method(s) an	Total 200.7 / 6010 200.8 / 6020: Circle Method(s) and Metal(s) to be analyzed	8RCRA 13PPM TCLP / SPL	II 0	1 AI Sb BRCRA S	As Ba Be B b As Ba Be	A 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni KTCLP/SPLP6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U	b Mg Mn M	¥	Se Ag SiO ₂ Na Sr Tl Sn U V Zn Hg: 1631/245.1/7470 /7471	Zn 1
Notice: Signature of this docu of service. Eurofins Xenco will	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 with elable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client #9sch rosses are due to circumstances beyond the control for services and shall not assume any responsibility for any losses or expenses incurred by the client #9sch rosses are due to circumstances beyond the control for any services and serviced unless previously negotiated.	s a valid purchase or not assume any resp ct and a charge of \$5	ler from client cor onsibility for any k for each sample s	opany to Euro	ins Xenco, its affiliate se incurred by the c profins Xenco, but no	es and subcontractors. It assigns stand lient if such losses are due to circumsta ot analyzed. These terms will be enforc	ard terms and condi inces beyond the cor ed unless previously	tions htroi negotiated.		
Relinquished by: (Signature)	(Signature)	d by (Signature)	(e)		Date/Time	Relinquished by: (Signature)	ignature)	Received by: (Signature)	nature)	Date/Time
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Superfund

RRC

Level IV

TRRP

Other:

DI Water: H₂O

None: NO Cool: Cool HCL: HC

Preservative Codes

HNO 3: HN NaOH: Na MeOH: Me

> H₂S0₄: H₂ H₃PO₄: HP

Revised Date: 08/25/2020 Rev. 2020

Date/Time

Received by: (Signature)

Relinquished by: (Signature)

TI Sn U V Zn

Hg: 1631 / 245.1 / 7470 / 747

Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199 EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296

Bill to: (if different)

Company Name:

Consulting

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Michael

Project Manager: Company Name: Address:

₽

Work Order No:

Brownfields Work Order Comments www.xenco.com UST/PST | PRP State of Project:

Reporting: Level II

EDO Deliverables:

PST/UST ADaPT 🗌 Level III

Email: MWICLER GCdh CONSULT, COM

616-910-8459

City, State ZIP: Address:

Phone:

City, State ZIP:

Pres. Code

Rush

Turn Around

394

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Jackson

12-13-34

Due Date: Routine

> 2 weto

Soco Halls

Project Location: Sampler's Name:

Project Number: Project Name:

Datoutah

TAT starts the day received by the lab, if received by 4:30pm

ANALYSIS REQUEST

20008

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Correction Factor: Thermometer ID:

Yes No N/A

Yes No

Sample Custody Seals:

Total Containers:

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Samples Received Intact:

Cooler Custody Seals:

SAMPLE RECEIPT

PO#:

Corrected Temperature:

Matrix

Sample Identification

FL10@4 FULL BY

アンしゅのよ

20005 SINDA Sulp

1500 @y

Temperature Reading:

Parameters

Yes

Wet Ice:

Year

Lemp Blank:

NaOH+Ascorbic Acid: SAPC

Zn Acetate+NaOH: Zn

Na 2 S 2 O 3: Na SO 3

NaHSO 4: NABIS

Sample Comments

of Comp Comp Courp Courp Grab/ comp

> Depth H 2 7 7 Z 10:43 Sampled 10:29 10,39 10:51 12/11/2024 12/11/2014 Sampled Date

18:50 211/21 Happy 13/115 21:11 |max/11/21 12/11/2024 14:1/20TH HOP II/e! 30000

Goma Comp

Comp

Circle Method(s) and Metal(s) to be analyzed 200.8 / 6020:

Total 200.7 / 6010

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 TCLP/SPLP6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U votice: 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 hoursed by the client if such due to citrumstances beyond the control

rofins 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 1510

Date/Time	11		
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Environment Testing

Xenco

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12/12/2024

Login Sample Receipt Checklist

Client: CDH Consulting Job Number: 890-7458-1

Login Number: 7458 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	

11 0J 230

Login Sample Receipt Checklist

Client: CDH Consulting Job Number: 890-7458-1

Login Number: 7458 List Source: Eurofins Midland List Number: 2 List Creation: 12/12/24 07:51 AM

Creator: Laing, Edmundo

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	N/A	

<6mm (1/4").

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/13/2024 3:35:20 PM

JOB DESCRIPTION

JACKSON B-29Y

JOB NUMBER

890-7466-1

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 12/13/2024 3:35:20 PM

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

Eurofins Carlsbad is a laboratory within Eurofins Environment Testing South Central, LLC, a company within Eurofins Environment Testing Group of Companies

Client: CDH Consulting
Laboratory Job ID: 890-7466-1
Project/Site: JACKSON B-29Y

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Definitions/Glossary

Client: CDH Consulting Job ID: 890-7466-1

Project/Site: JACKSON B-29Y

Qualifiers

GC VOA

Qualifier **Qualifier Description**

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.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description

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 Minimum Level (Dioxin) ML MPN Most Probable Number Method Quantitation Limit MQL

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 **Quality Control** QC

RER Relative Error Ratio (Radiochemistry)

Reporting Limit or Requested Limit (Radiochemistry) RL

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

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Case Narrative

Client: CDH Consulting Job ID: 890-7466-1 Project: JACKSON B-29Y

Job ID: 890-7466-1 Eurofins Carlsbad

Job Narrative 890-7466-1

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 12/12/2024 1:00 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 9.6°C.

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 matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-97819 and analytical batch 880-97844 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: FL02@4' (890-7466-1), SW02 (890-7466-2) and SW03 (890-7466-3). 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.

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Matrix: Solid

Lab Sample ID: 890-7466-1

Client: CDH Consulting Job ID: 890-7466-1

Project/Site: JACKSON B-29Y

Client Sample ID: FL02@4'

Date Collected: 12/12/24 10:19 Date Received: 12/12/24 13:00

Sample Depth: 4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00200	U	0.00200		mg/Kg		12/12/24 16:00	12/13/24 11:48	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/12/24 16:00	12/13/24 11:48	•
Toluene	<0.00200	U	0.00200		mg/Kg		12/12/24 16:00	12/13/24 11:48	•
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/12/24 16:00	12/13/24 11:48	
m-Xylene & p-Xylene	< 0.00401	U	0.00401		mg/Kg		12/12/24 16:00	12/13/24 11:48	,
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/12/24 16:00	12/13/24 11:48	,
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				12/12/24 16:00	12/13/24 11:48	1
1,4-Difluorobenzene (Surr)	100		70 - 130				12/12/24 16:00	12/13/24 11:48	1
Method: TAL SOP Total BTEX -	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/13/24 11:48	1
Method: SW846 8015 NM - Diese	el Range Organ	ics (DRO) (3C)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/13/24 13:39	1
Method: SW846 8015B NM - Die	sel Range Orga	nics (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		12/13/24 09:37	12/13/24 13:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U F1	50.0		mg/Kg		12/13/24 09:37	12/13/24 13:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/13/24 09:37	12/13/24 13:39	,
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	72		70 - 130				12/13/24 09:37	12/13/24 13:39	
o-Terphenyl	65	S1-	70 - 130				12/13/24 09:37	12/13/24 13:39	
-									
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	е						
Method: EPA 300.0 - Anions, Ior Analyte	• •	ohy - Solubl Qualifier	e RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Client Sample ID: SW02

Date Collected: 12/12/24 10:59

Date Received: 12/12/24 13:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/12/24 16:00	12/13/24 12:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/12/24 16:00	12/13/24 12:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/12/24 16:00	12/13/24 12:08	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		12/12/24 16:00	12/13/24 12:08	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		12/12/24 16:00	12/13/24 12:08	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/12/24 16:00	12/13/24 12:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				12/12/24 16:00	12/13/24 12:08	1
1,4-Difluorobenzene (Surr)	102		70 - 130				12/12/24 16:00	12/13/24 12:08	1

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Lab Sample ID: 890-7466-2

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Matrix: Solid

Client: CDH Consulting

Project/Site: JACKSON B-29Y

Client Sample ID: SW02 Date Collected: 12/12/24 10:59 Lab Sample ID: 890-7466-2 Matrix: Solid

Job ID: 890-7466-1

Date Received: 12/12/24 13:00

Method: TAL SOP Total BTEX - Total BTEX Calculation										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
l	Total BTEX	<0.00403	U	0.00403		mg/Kg			12/13/24 12:08	1

	Method: SW846 8015 NM - Diesel I	Range Organ	ics (DRO) (GC)						
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
l	Total TPH	<49.8	U	49.8		mg/Kg			12/13/24 14:50	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.8	U	49.8		mg/Kg		12/13/24 09:37	12/13/24 14:50	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.8	U	49.8		mg/Kg		12/13/24 09:37	12/13/24 14:50	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/13/24 09:37	12/13/24 14:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				12/13/24 09:37	12/13/24 14:50	1
o-Terphenyl	67	S1-	70 - 130				12/13/24 09:37	12/13/24 14:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1480		49.9		mg/Kg			12/13/24 11:46	5

Client Sample ID: SW03 Lab Sample ID: 890-7466-3 Date Collected: 12/12/24 07:43 **Matrix: Solid**

Date Received: 12/12/24 13:00

Released to Imaging: 11/5/2025 3:23:11 PM

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/12/24 16:00	12/13/24 12:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/12/24 16:00	12/13/24 12:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/12/24 16:00	12/13/24 12:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/12/24 16:00	12/13/24 12:29	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/12/24 16:00	12/13/24 12:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/12/24 16:00	12/13/24 12:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				12/12/24 16:00	12/13/24 12:29	1
1,4-Difluorobenzene (Surr) Method: TAL SOP Total BTEX	102 - Total BTEX Cald	culation	70 - 130				12/12/24 16:00	12/13/24 12:29	1
Method: TAL SOP Total BTEX Analyte	- Total BTEX Cald	Qualifier	RL	MDL	Unit ma/Ka	<u>D</u>	12/12/24 16:00 Prepared	Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX	- Total BTEX Calc Result <0.00398	Qualifier U	RL 0.00398	MDL	Unit mg/Kg	<u>D</u>			
Method: TAL SOP Total BTEX Analyte	- Total BTEX Calc Result <	Qualifier U	RL 0.00398			<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die	- Total BTEX Calc Result <	Qualifier U ics (DRO) (Qualifier	RL 0.00398		mg/Kg		Prepared	Analyzed 12/13/24 12:29	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte	- Total BTEX Calc Result <0.00398 sel Range Organ Result <50.0	Qualifier U ics (DRO) (Qualifier U	RL 0.00398 ————————————————————————————————————		mg/Kg		Prepared	Analyzed 12/13/24 12:29 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH	- Total BTEX Calc Result <0.00398 sel Range Organ Result <50.0 iesel Range Orga	Qualifier U ics (DRO) (Qualifier U	RL 0.00398 ————————————————————————————————————	MDL	mg/Kg		Prepared	Analyzed 12/13/24 12:29 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - Die	- Total BTEX Calc Result <0.00398 sel Range Organ Result <50.0 iesel Range Orga	Qualifier U ics (DRO) (Qualifier U nics (DRO) Qualifier	RL 0.00398 GC) RL 50.0	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 12/13/24 12:29 Analyzed 12/13/24 15:06	Dil Fac

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Client Sample Results

Client: CDH Consulting Job ID: 890-7466-1

Project/Site: JACKSON B-29Y

Client Sample ID: SW03 Lab Sample ID: 890-7466-3

Date Collected: 12/12/24 07:43 Matrix: Solid

Date Received: 12/12/24 13:00

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)									
	Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
	Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		12/13/24 09:37	12/13/24 15:06	1
	Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
	1-Chlorooctane	75		70 - 130			12/13/24 09:37	12/13/24 15:06	1
	o-Terphenyl	64	S1-	70 - 130			12/13/24 09:37	12/13/24 15:06	1

	Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil								Dil Fac		
	Chloride	392		10.1		mg/Kg			12/13/24 11:51	1

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Surrogate Summary

Client: CDH Consulting Job ID: 890-7466-1

Project/Site: JACKSON B-29Y

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-7466-1	FL02@4'	101	100	
890-7466-1 MS	FL02@4'	102	101	
890-7466-1 MSD	FL02@4'	98	102	
890-7466-2	SW02	96	102	
890-7466-3	SW03	97	102	
LCS 880-97774/1-A	Lab Control Sample	99	100	
LCSD 880-97774/2-A	Lab Control Sample Dup	100	100	
MB 880-97774/5-A	Method Blank	96	95	

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid Prep Type: Total/NA

_			
		1001	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-7466-1	FL02@4'	72	65 S1-
890-7466-1 MS	FL02@4'	91	71
890-7466-1 MSD	FL02@4'	92	73
890-7466-2	SW02	78	67 S1-
890-7466-3	SW03	75	64 S1-
LCS 880-97819/2-A	Lab Control Sample	121	103
LCSD 880-97819/3-A	Lab Control Sample Dup	117	95

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Carlsbad

Client: CDH Consulting Job ID: 890-7466-1

Project/Site: JACKSON B-29Y

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-97774/5-A **Matrix: Solid**

Analysis Batch: 97791

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 97774

	IVID	IVID							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/12/24 16:00	12/13/24 11:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/12/24 16:00	12/13/24 11:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/12/24 16:00	12/13/24 11:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/12/24 16:00	12/13/24 11:26	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/12/24 16:00	12/13/24 11:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/12/24 16:00	12/13/24 11:26	1

MB MB

MD MD

Surrogate	%Recovery 0	Qualifier Limits	Prepare	ed Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96	70 - 1	12/12/24 1	16:00 12/13/24 11:26	1
1,4-Difluorobenzene (Surr)	95	70 - 1	30 12/12/24 1	6:00 12/13/24 11:26	1

Lab Sample ID: LCS 880-97774/1-A

Matrix: Solid

Analysis Batch: 97791

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 97774

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.1130		mg/Kg		113	70 - 130	
Ethylbenzene	0.100	0.1054		mg/Kg		105	70 - 130	
Toluene	0.100	0.1106		mg/Kg		111	70 - 130	
m-Xylene & p-Xylene	0.200	0.2035		mg/Kg		102	70 - 130	
o-Xylene	0.100	0.1131		mg/Kg		113	70 - 130	

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	99	70 - 130
1,4-Difluorobenzene (Surr)	100	70 - 130

Lab Sample ID: LCSD 880-97774/2-A

Matrix: Solid

Analysis Batch: 97791

Prep Type: Total/NA Prep Batch: 97774

RPD LCSD LCSD Spike %Rec Analyte Added Result Qualifier Unit %Rec Limits Limit Benzene 0.100 0.1211 mg/Kg 121 70 - 130 35 Ethylbenzene 0.100 0.1128 mg/Kg 113 70 - 130 35 Toluene 0.100 0.1176 mg/Kg 118 70 - 130 35 0.200 m-Xylene & p-Xylene 0.2190 mg/Kg 110 70 - 130 35 0.100 0.1207 121 70 - 130 o-Xylene mg/Kg 35

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-7466-1 MS

Matrix: Solid

Analysis Batch: 97791

Client Sample ID: FL02@4' Prep Type: Total/NA

Prep Batch: 97774

_	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U	0.101	0.1144		mg/Kg		113	70 - 130	
Ethylbenzene	<0.00200	U	0.101	0.1051		mg/Kg		104	70 - 130	

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QC Sample Results

Client: CDH Consulting Job ID: 890-7466-1

Project/Site: JACKSON B-29Y

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

Matrix: Solid

Lab Sample ID: 890-7466-1 MS Client Sample ID: FL02@4' Prep Type: Total/NA Analysis Batch: 97791 Prep Batch: 97774

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Toluene	<0.00200	U	0.101	0.1101		mg/Kg		109	70 - 130	
m-Xylene & p-Xylene	<0.00401	U	0.202	0.2012		mg/Kg		100	70 - 130	
o-Xylene	<0.00200	U	0.101	0.1097		mg/Kg		109	70 - 130	

MS MS Surrogate %Recovery Qualifier Limits 70 - 130 4-Bromofluorobenzene (Surr) 102 1,4-Difluorobenzene (Surr) 70 - 130 101

Lab Sample ID: 890-7466-1 MSD Client Sample ID: FL02@4' **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 97791

Analysis Batch: 97791									Prep	Batch:	97774
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00200	U	0.0998	0.1152		mg/Kg		115	70 - 130	1	35
Ethylbenzene	<0.00200	U	0.0998	0.1041		mg/Kg		104	70 - 130	1	35
Toluene	<0.00200	U	0.0998	0.1098		mg/Kg		110	70 - 130	0	35
m-Xylene & p-Xylene	<0.00401	U	0.200	0.2005		mg/Kg		100	70 - 130	0	35
o-Xylene	<0.00200	U	0.0998	0.1102		mg/Kg		110	70 - 130	1	35

MSD MSD Qualifier Limits Surrogate %Recovery 70 - 130 4-Bromofluorobenzene (Surr) 98 1,4-Difluorobenzene (Surr) 102 70 - 130

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

Lab Sample ID: LCS 880-97819/2-A Client Sample ID: Lab Control Sample **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 97844

Spike LCS LCS %Rec Added Result Qualifier D %Rec Limits Analyte Unit 1000 1143 114 70 - 130 Gasoline Range Organics mg/Kg (GRO)-C6-C10 1000 966.1 Diesel Range Organics (Over 97 70 - 130mg/Kg C10-C28)

LCS LCS Surrogate %Recovery Qualifier Limits 1-Chlorooctane 121 70 - 130 103 70 - 130 o-Terphenyl

Lab Sample ID: LCSD 880-97819/3-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 97844							Prep	Batch:	97819
	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1193		mg/Kg		119	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	904.1		mg/Kg		90	70 - 130	7	20

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Prep Type: Total/NA

Prep Batch: 97819

Limits

70 - 130

70 - 130

Job ID: 890-7466-1

Client: CDH Consulting Project/Site: JACKSON B-29Y

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

95

Lab Sample ID: LCSD 880-97819/3-A **Matrix: Solid**

Analysis Batch: 97844

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 97819

LCSD LCSD Surrogate %Recovery Qualifier 1-Chlorooctane 117

Lab Sample ID: 890-7466-1 MS

Matrix: Solid

o-Terphenyl

Analysis Batch: 97844

Client Sample ID: FL02@4'

Prep Type: Total/NA Prep Batch: 97819

Sample Sample Spike MS MS %Rec Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits <50.0 U 999 899.3 90 70 - 130Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 999 660.4 F1 <50.0 U F1 mg/Kg 64 70 - 130C10-C28)

> MS MS

%Recovery Surrogate Qualifier Limits 91 70 - 130 1-Chlorooctane 71 70 - 130 o-Terphenyl

Lab Sample ID: 890-7466-1 MSD Client Sample ID: FL02@4'

Matrix: Solid

Analysis Batch: 97844

Prep Type: Total/NA Prep Batch: 97819

Sample Sample MSD MSD Spike RPD Added Analyte Result Qualifier Result Qualifier Unit %Rec Limits RPD Limit D Gasoline Range Organics <50.0 U 999 907.6 mg/Kg 91 70 - 130 20 (GRO)-C6-C10 Diesel Range Organics (Over <50.0 UF1 999 666.1 F1 mg/Kg 65 70 - 130 20 C10-C28)

MSD MSD %Recovery Qualifier Surrogate Limits 70 - 130 1-Chlorooctane 92 70 - 130 o-Terphenyl 73

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-97788/1-A Client Sample ID: Method Blank **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 97814

мв мв MDL Unit Dil Fac Result Qualifier RL D Prepared Analyzed

mg/Kg

Lab Sample ID: LCS 880-97788/2-A **Client Sample ID: Lab Control Sample Prep Type: Soluble**

10.0

Matrix: Solid

Analyte

Chloride

Analysis Batch: 97814

Spike LCS LCS %Rec Analyte Added Result Qualifier Limits Unit Chloride 250 237.4 mg/Kg 90 - 110

<10.0 U

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12/13/24 09:23

Lab Sample ID: LCSD 880-97788/3-A

QC Sample Results

Client: CDH Consulting Job ID: 890-7466-1

Project/Site: JACKSON B-29Y

Method: 300.0 - Anions, Ion Chromatography (Continued)

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analysis Batch: 97814

Matrix: Solid

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	250	237.5		mg/Kg		95	90 - 110	0	20

QC Association Summary

Client: CDH Consulting

Job ID: 890-7466-1

Project/Site: JACKSON B-29Y

GC VOA

Prep Batch: 97774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7466-1	FL02@4'	Total/NA	Solid	5035	
890-7466-2	SW02	Total/NA	Solid	5035	
890-7466-3	SW03	Total/NA	Solid	5035	
MB 880-97774/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-97774/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-97774/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7466-1 MS	FL02@4'	Total/NA	Solid	5035	
890-7466-1 MSD	FL02@4'	Total/NA	Solid	5035	

Analysis Batch: 97791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7466-1	FL02@4'	Total/NA	Solid	8021B	97774
890-7466-2	SW02	Total/NA	Solid	8021B	97774
890-7466-3	SW03	Total/NA	Solid	8021B	97774
MB 880-97774/5-A	Method Blank	Total/NA	Solid	8021B	97774
LCS 880-97774/1-A	Lab Control Sample	Total/NA	Solid	8021B	97774
LCSD 880-97774/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	97774
890-7466-1 MS	FL02@4'	Total/NA	Solid	8021B	97774
890-7466-1 MSD	FL02@4'	Total/NA	Solid	8021B	97774

Analysis Batch: 97859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7466-1	FL02@4'	Total/NA	Solid	Total BTEX	
890-7466-2	SW02	Total/NA	Solid	Total BTEX	
890-7466-3	SW03	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 97819

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7466-1	FL02@4'	Total/NA	Solid	8015NM Prep	
890-7466-2	SW02	Total/NA	Solid	8015NM Prep	
890-7466-3	SW03	Total/NA	Solid	8015NM Prep	
LCS 880-97819/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-97819/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7466-1 MS	FL02@4'	Total/NA	Solid	8015NM Prep	
890-7466-1 MSD	FL02@4'	Total/NA	Solid	8015NM Prep	

Analysis Batch: 97844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7466-1	FL02@4'	Total/NA	Solid	8015B NM	97819
890-7466-2	SW02	Total/NA	Solid	8015B NM	97819
890-7466-3	SW03	Total/NA	Solid	8015B NM	97819
LCS 880-97819/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	97819
LCSD 880-97819/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	97819
890-7466-1 MS	FL02@4'	Total/NA	Solid	8015B NM	97819
890-7466-1 MSD	FL02@4'	Total/NA	Solid	8015B NM	97819

Analysis Batch: 97876

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7466-1	FL02@4'	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: CDH Consulting Job ID: 890-7466-1

Project/Site: JACKSON B-29Y GC Semi VOA (Continued)

Analysis Batch: 97876 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7466-2	SW02	Total/NA	Solid	8015 NM	
890-7466-3	SW03	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 97788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7466-1	FL02@4'	Soluble	Solid	DI Leach	
890-7466-2	SW02	Soluble	Solid	DI Leach	
890-7466-3	SW03	Soluble	Solid	DI Leach	
MB 880-97788/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-97788/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-97788/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 97814

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7466-1	FL02@4'	Soluble	Solid	300.0	97788
890-7466-2	SW02	Soluble	Solid	300.0	97788
890-7466-3	SW03	Soluble	Solid	300.0	97788
MB 880-97788/1-A	Method Blank	Soluble	Solid	300.0	97788
LCS 880-97788/2-A	Lab Control Sample	Soluble	Solid	300.0	97788
LCSD 880-97788/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	97788

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Job ID: 890-7466-1

12/13/24 11:41

12/13/24 07:53

12/13/24 11:46

Client: CDH Consulting Project/Site: JACKSON B-29Y

Date Received: 12/12/24 13:00

Client Sample ID: FL02@4'

Lab Sample ID: 890-7466-1 Date Collected: 12/12/24 10:19

Matrix: Solid

Batch Batch Dilution Batch Prepared Prep Type Туре Method Run Factor Number Analyst or Analyzed Lab 12/12/24 16:00 Total/NA Prep 5035 97774 MNR EET MID Total/NA Analysis 8021B 1 97791 MNR EET MID 12/13/24 11:48 Total/NA Analysis Total BTEX 97859 AJ **EET MID** 12/13/24 11:48 8015 NM Total/NA Analysis 1 97876 AJ **EET MID** 12/13/24 13:39 EET MID Total/NA 8015NM Prep 97819 EL 12/13/24 09:37 Prep Total/NA Analysis 8015B NM 97844 TKC **EET MID** 12/13/24 13:39 Soluble EET MID 12/13/24 07:53 Leach DI Leach 97788 SA

Client Sample ID: SW02 Lab Sample ID: 890-7466-2

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Date Collected: 12/12/24 10:59 **Matrix: Solid**

97814 CH

97788 SA

97814 CH

EET MID

EET MID

EET MID

Date Received: 12/12/24 13:00

Analysis

Leach

Analysis

300.0

DI Leach

300.0

Soluble

Soluble

Soluble

Batch Batch Dilution Batch Prepared Prep Type Туре Method Run **Number Analyst** or Analyzed Factor Lab Prep 12/12/24 16:00 Total/NA 5035 97774 MNR EET MID 8021B MNR 12/13/24 12:08 Total/NA Analysis 1 97791 **EET MID** Total/NA Total BTEX 12/13/24 12:08 Analysis 1 97859 AJ **EET MID** Total/NA Analysis 8015 NM 97876 AJ **EET MID** 12/13/24 14:50 Total/NA 8015NM Prep 97819 EL **FFT MID** 12/13/24 09:37 Prep Total/NA Analysis 8015B NM 97844 TKC **EET MID** 12/13/24 14:50

5 **Client Sample ID: SW03** Lab Sample ID: 890-7466-3

Date Collected: 12/12/24 07:43

Date Received: 12/12/24 13:00

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			97774	MNR	EET MID	12/12/24 16:00
Total/NA	Analysis	8021B		1	97791	MNR	EET MID	12/13/24 12:29
Total/NA	Analysis	Total BTEX		1	97859	AJ	EET MID	12/13/24 12:29
Total/NA	Analysis	8015 NM		1	97876	AJ	EET MID	12/13/24 15:06
Total/NA	Prep	8015NM Prep			97819	EL	EET MID	12/13/24 09:37
Total/NA	Analysis	8015B NM		1	97844	TKC	EET MID	12/13/24 15:06
Soluble	Leach	DI Leach			97788	SA	EET MID	12/13/24 07:53
Soluble	Analysis	300.0		1	97814	CH	EET MID	12/13/24 11:51

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Matrix: Solid

Accreditation/Certification Summary

Client: CDH Consulting

Job ID: 890-7466-1

Project/Site: JACKSON B-29Y

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Progra	am	Identification Number	Expiration Date
Texas	NELA	Р	T104704400	06-30-25
,	are included in this report, bu	it the laboratory is not certi	fied by the governing authority. This lis	t may include analytes
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: JACKSON B-29Y

Job ID: 890-7466-1

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

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Sample Summary

Client: CDH Consulting Project/Site: JACKSON B-29Y Job ID: 890-7466-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	De
390-7466-1	FL02@4'	Solid	12/12/24 10:19	12/12/24 13:00	4
00-7466-2	SW02	Solid	12/12/24 10:59	12/12/24 13:00	
390-7466-3	SW03	Solid	12/12/24 07:43	12/12/24 13:00	

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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

Work Order No: _____

Switch Coets all all	linguished by (Signature)	Signature of this document and relinquishment of suce. Eurofins Xenco will be liable only for the cost of the Xenco. A minimum charge of \$85.00 will be app	Vet	Total 200.7 / 0010 200.8 / 0020.						3 B	Sample Identification Matrix S		1.15	act: Yes No	Temp Blank:		Sampler's Name: Dakoutch (weto	Project Location: LOCO HUS MM	ř.	Project Name: Hackson 3-294	Phone: 6/6-970-845	City, State ZIP:		CDH Consult	Project Manager: MICHAEL WICK
the Contract of Contract of	Received by: (Signature)	amples constitutes a valid purchase order from cleamples and shall not assume any responsibility lifed to each project and a charge of \$5 for each a	TCLP / SPLP 6010: 8	BRORA ISPPM Texas II				10-12-2004 7:45 Comp	g-12-304/0:59 camp	12-12-2024 10:19 4 carp	Date Time Depth Comp C	9.	Temperature Reading:		et Ice:	the lab, if received by 4:30pm	TAT starts the day received by	Due Date: 10-13-30대	3	Turn Around	9 Email:	City, State ZIP:	Address:	Company Name:	Bill to: (if different)
1242	Date/Time Relinguished by: (Signature)	Xenco, its affiliates and subcost incurred by the client if sucnes Xenco, but not analyzed. T	Sb As Ba Be Cd Cr Co Cu Pb N	11 Al Sb As Ba Ba B Cd Ca Cr Co Co Fa Pb							Cont UN	Λ- -			OL	Bers			Pres.	ANALYSIS REQUEST	cdh consult.com				
	re) Received by: (Signature)	ontractors. It assigns standard terms and conditions in losses are due to circumstances beyond the control hese terms will be enforced unless previously negotiated.	/n MoNiSeAgTIU Hg∷	Fe Ph Mo Min Mo Ni K Sa Ao SiOs																UEST	Deliverables: 890-7466 C		State of Proj	Program: Ut	
	signature) Date/Time	tions ontroi egotiated.	Hg: 1631 / 245.1 / 7470 / 7471	SIC, Na S. Ti S., U V Z.,							Sample Comments	NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	Na Soo: NaSo	H ₃ PO ₄ : HP	H ₂ S0 ₄ : H ₂ NaOH: Na		Cool: Cool MeOH: Me	None: NO DI Water: H ₂ O	Preservative Codes	Claire	hair of Custody			

Login Sample Receipt Checklist

Client: CDH Consulting Job Number: 890-7466-1

Login Number: 7466 List Source: Eurofins Carlsbad

List Number: 1

Creator: Lopez, Abraham

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	

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Eurofins Carlsbad

Page 21 of 22 12/13/2024

Login Sample Receipt Checklist

Client: CDH Consulting Job Number: 890-7466-1

List Source: Eurofins Midland
List Number: 2
List Creation: 12/13/24 08:02 AM

Creator: Vasquez, Julisa

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	N/A	

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<6mm (1/4").

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/16/2024 3:44:23 PM

JOB DESCRIPTION

JACKSON B - 29Y LOCO HILLS

JOB NUMBER

890-7471-1

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

gri All 1

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

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Client: CDH Consulting
Project/Site: JACKSON B - 29Y

Laboratory Job ID: 890-7471-1
SDG: LOCO HILLS

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Definitions/Glossary

Job ID: 890-7471-1 Client: CDH Consulting Project/Site: JACKSON B - 29Y SDG: LOCO HILLS

Qualifiers

GC VOA Qualifier

Qualifier Description

Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier **Qualifier Description**

S1-Surrogate recovery exceeds control limits, low biased. Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier **Qualifier Description**

Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation These commonly used abbreviations may or may not be present in this report.

74 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**

Detection Limit (DoD/DOE) DL

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 Method Quantitation Limit MQL

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NFG 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)

Relative Percent Difference, a measure of the relative difference between two points RPD

TEF Toxicity Equivalent Factor (Dioxin) TEQ Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

Case Narrative

Client: CDH Consulting Job ID: 890-7471-1
Project: JACKSON B - 29Y

Job ID: 890-7471-1 Eurofins Carlsbad

Job Narrative 890-7471-1

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 sample was received on 12/13/2024 11:49 AM. Unless otherwise noted below, the sample 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 sample was received and analyzed from an unpreserved bulk soil jar: SW 10 (890-7471-1).

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 surrogate recovery for the blank associated with preparation batch 880-97706 and analytical batch 880-97954 was outside the control limits.

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 Job ID: 890-7471-1 Project/Site: JACKSON B - 29Y SDG: LOCO HILLS

Client Sample ID: SW 10 Lab Sample ID: 890-7471-1 Date Collected: 12/13/24 10:07

Matrix: Solid

Date Received: 12/13/24 11:49

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/16/24 10:12	12/16/24 14:10	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/16/24 10:12	12/16/24 14:10	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/16/24 10:12	12/16/24 14:10	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		12/16/24 10:12	12/16/24 14:10	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/16/24 10:12	12/16/24 14:10	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/16/24 10:12	12/16/24 14:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				12/16/24 10:12	12/16/24 14:10	1
1,4-Difluorobenzene (Surr)	106		70 - 130				12/16/24 10:12	12/16/24 14:10	1
- Method: TAL SOP Total BTEX - T	otal BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			12/16/24 14:10	1
			GC)						
Δnalvto	Result	Qualifier	•	MDI	Unit	D	Propared	Analyzed	Dil Fac
Analyte Total TPH	- Result <49.9	Qualifier U	RL 49.9	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 12/16/24 14:43	Dil Fac
			RL	MDL		<u>D</u>	Prepared		
Total TPH	<49.9	U	RL 49.9	MDL		<u>D</u>	Prepared		
Total TPH Method: SW846 8015B NM - Dies	<49.9	U	RL 49.9			D	Prepared Prepared		
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics	<49.9	nics (DRO) Qualifier	RL 49.9 (GC)		mg/Kg			12/16/24 14:43	1
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10	<49.9 sel Range Orga Result <49.9	Unics (DRO) Qualifier	(GC) RL 49.9		mg/Kg Unit mg/Kg		Prepared 12/12/24 09:47	12/16/24 14:43 Analyzed 12/16/24 14:43	Dil Fac
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<49.9 sel Range Orga Result	Unics (DRO) Qualifier	(GC)		mg/Kg		Prepared	12/16/24 14:43 Analyzed	Dil Fac
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<49.9 sel Range Orga Result <49.9 <49.9	Unics (DRO) Qualifier U	RL 49.9 (GC) RL 49.9 49.9		mg/Kg Unit mg/Kg mg/Kg		Prepared 12/12/24 09:47 12/12/24 09:47	12/16/24 14:43 Analyzed 12/16/24 14:43 12/16/24 14:43	Dil Fac
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<49.9 sel Range Orga Result <49.9	Unics (DRO) Qualifier U	(GC) RL 49.9		mg/Kg Unit mg/Kg		Prepared 12/12/24 09:47	12/16/24 14:43 Analyzed 12/16/24 14:43	Dil Fac
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	<49.9 sel Range Orga Result <49.9 <49.9	Unics (DRO) Qualifier U	RL 49.9 (GC) RL 49.9 49.9		mg/Kg Unit mg/Kg mg/Kg		Prepared 12/12/24 09:47 12/12/24 09:47	12/16/24 14:43 Analyzed 12/16/24 14:43 12/16/24 14:43	Dil Fac
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	49.9 sel Range Orga Result <49.9 <49.9 <49.9 *Recovery 82	Unics (DRO) Qualifier U	RL 49.9 (GC) RL 49.9 49.9 49.9		mg/Kg Unit mg/Kg mg/Kg		Prepared 12/12/24 09:47 12/12/24 09:47 12/12/24 09:47	Analyzed 12/16/24 14:43 12/16/24 14:43 12/16/24 14:43	Dil Fac
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	<49.9 sel Range Orga Result <49.9 <49.9 <49.9 %Recovery	Unics (DRO) Qualifier U	RL 49.9 (GC) RL 49.9 49.9 49.9 Limits		mg/Kg Unit mg/Kg mg/Kg		Prepared 12/12/24 09:47 12/12/24 09:47 12/12/24 09:47 Prepared	Analyzed 12/16/24 14:43 Analyzed 12/16/24 14:43 12/16/24 14:43 Analyzed	Dil Fac
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	<49.9 sel Range Orga Result <49.9 <49.9 <49.9 *Recovery 82 72	U nics (DRO) Qualifier U U Qualifier	RL 49.9 (GC) RL 49.9 49.9 49.9 Limits 70 - 130 70 - 130		mg/Kg Unit mg/Kg mg/Kg		Prepared 12/12/24 09:47 12/12/24 09:47 12/12/24 09:47 Prepared 12/12/24 09:47	Analyzed 12/16/24 14:43 12/16/24 14:43 12/16/24 14:43 12/16/24 14:43 Analyzed 12/16/24 14:43	Dil Fac
Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	49.9 sel Range Orga Result <49.9 <49.9 <82 72 Chromatograp	U nics (DRO) Qualifier U U Qualifier	RL 49.9 (GC) RL 49.9 49.9 49.9 Limits 70 - 130 70 - 130	MDL	mg/Kg Unit mg/Kg mg/Kg		Prepared 12/12/24 09:47 12/12/24 09:47 12/12/24 09:47 Prepared 12/12/24 09:47	Analyzed 12/16/24 14:43 12/16/24 14:43 12/16/24 14:43 12/16/24 14:43 Analyzed 12/16/24 14:43	Dil Fac

Surrogate Summary

Job ID: 890-7471-1 Client: CDH Consulting Project/Site: JACKSON B - 29Y SDG: LOCO HILLS

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

_				Percent Surrogate Rec
		BFB1	DFBZ1	· ·
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-7471-1	SW 10	112	106	
LCS 880-97932/1-A	Lab Control Sample	107	104	
LCSD 880-97932/2-A	Lab Control Sample Dup	108	104	
MB 880-97932/5-A	Method Blank	107	102	
Surrogate Legend				
BFB = 4-Bromofluorober	nzene (Surr)			
DFBZ = 1,4-Difluorobenz	zene (Surr)			

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

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-7471-1	SW 10	82	72	
LCS 880-97706/2-A	Lab Control Sample	122	99	
LCSD 880-97706/3-A	Lab Control Sample Dup	116	93	
MB 880-97706/1-A	Method Blank	70	63 S1-	
Surrogate Legend				

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Client: CDH Consulting Project/Site: JACKSON B - 29Y

Job ID: 890-7471-1 SDG: LOCO HILLS

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-97932/5-A

Lab Sample ID: LCS 880-97932/1-A

Matrix: Solid

Matrix: Solid

Analysis Batch: 97908

Analysis Batch: 97908

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 97932

	МВ	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/16/24 10:12	12/16/24 12:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/16/24 10:12	12/16/24 12:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/16/24 10:12	12/16/24 12:06	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/16/24 10:12	12/16/24 12:06	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/16/24 10:12	12/16/24 12:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/16/24 10:12	12/16/24 12:06	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	12/16/24 10:	12/16/24 12:06	1
1,4-Difluorobenzene (Surr)	102		70 - 130	12/16/24 10:	12 12/16/24 12:06	1

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 97932

Prep Type: Total/NA

Prep Batch: 97932

LCS LCS Spike Analyte Added Result Qualifier Unit %Rec Limits Benzene 0.100 0.08870 mg/Kg 89 70 - 130 Ethylbenzene 0.100 0.1031 mg/Kg 103 70 - 130 0.100 0.09748 Toluene mg/Kg 97 70 - 130 70 - 130 0.200 0.2073 m-Xylene & p-Xylene mg/Kg 104 0.100 0.1103 70 - 130 o-Xylene mg/Kg 110

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Lab Sample ID: LCSD 880-97932/2-A

Analysis Batch: 97908

RPD LCSD LCSD Spike %Rec Analyte Added Result Qualifier Unit %Rec Limits Limit Benzene 0.100 0.09076 mg/Kg 91 70 - 130 2 35 Ethylbenzene 0.100 0.1073 mg/Kg 107 70 - 130 35 Toluene 0.100 0.1010 mg/Kg 101 70 - 130 35 0.200 m-Xylene & p-Xylene 0.2148 mg/Kg 107 70 - 130 35 0.100 0.1148 o-Xylene mg/Kg 115 70 - 130 35

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

QC Sample Results

Client: CDH Consulting

Job ID: 890-7471-1

Project/Site: JACKSON B - 29Y

SDG: LOCO HILLS

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

Lab Sample ID: MB 880-97706/1-A

Lab Sample ID: LCS 880-97706/2-A

Lab Sample ID: LCSD 880-97706/3-A

Matrix: Solid

Matrix: Solid

Analysis Batch: 97954

Analysis Batch: 97954

Matrix: Solid Analysis Batch: 97954 Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 97706

	IVID	IVID							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		12/12/24 09:47	12/16/24 10:10	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		12/12/24 09:47	12/16/24 10:10	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/12/24 09:47	12/16/24 10:10	1
	440	440							
	IVIB	MB							
Currogato	% Pacayary	Qualifier	Limite				Dropared	Analyzad	Dil Eac

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130	12/12/24 09:47	12/16/24 10:10	1
o-Terphenyl	63	S1-	70 - 130	12/12/24 09:47	12/16/24 10:10	1

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 97706

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	1000	1209		mg/Kg		121	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	943.1		mg/Kg		94	70 - 130	

LCS LCS

MD MD

Surrogate	%Recovery Qualifier	Limits
1-Chlorooctane	122	70 - 130
o-Terphenyl	99	70 - 130

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 97706

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	1177		mg/Kg		118	70 - 130	3	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	893.0		mg/Kg		89	70 - 130	5	20
C10-C28)									

LCSD LCSD

Surrogate	%Recovery Qualifier	Limits
1-Chlorooctane	116	70 - 130
o-Terphenyl	93	70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-97904/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Soluble

Analysis Batch: 97920

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/16/24 09:35	1

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QC Sample Results

Client: CDH Consulting Job ID: 890-7471-1 Project/Site: JACKSON B - 29Y SDG: LOCO HILLS

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-97904/2-A **Client Sample ID: Lab Control Sample Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 97920

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	250	252.4		mg/Kg		101	90 - 110	

Lab Sample ID: LCSD 880-97904/3-A **Client Sample ID: Lab Control Sample Dup Matrix: Solid Prep Type: Soluble**

Analysis Batch: 97920

١		Spike	LCSD	LCSD				%Rec		RPD
	Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Į	Chloride	250	252.4		mg/Kg		101	90 - 110	0	20

QC Association Summary

Client: CDH Consulting

Job ID: 890-7471-1

Project/Site: JACKSON B - 29Y

SDG: LOCO HILLS

GC VOA

Analysis Batch: 97908

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7471-1	SW 10	Total/NA	Solid	8021B	97932
MB 880-97932/5-A	Method Blank	Total/NA	Solid	8021B	97932
LCS 880-97932/1-A	Lab Control Sample	Total/NA	Solid	8021B	97932
LCSD 880-97932/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	97932

Prep Batch: 97932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7471-1	SW 10	Total/NA	Solid	5035	
MB 880-97932/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-97932/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-97932/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 97986

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7471-1	SW 10	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 97706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7471-1	SW 10	Total/NA	Solid	8015NM Prep	
MB 880-97706/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-97706/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-97706/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 97954

Lab Sample ID 890-7471-1	Client Sample ID SW 10	Prep Type Total/NA	Matrix Solid	Method 8015B NM	Prep Batch 97706
MB 880-97706/1-A	Method Blank	Total/NA	Solid	8015B NM	97706
LCS 880-97706/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	97706
LCSD 880-97706/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	97706

Analysis Batch: 97981

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7471-1	SW 10	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 97904

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7471-1	SW 10	Soluble	Solid	DI Leach	
MB 880-97904/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-97904/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-97904/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 97920

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7471-1	SW 10	Soluble	Solid	300.0	97904
MB 880-97904/1-A	Method Blank	Soluble	Solid	300.0	97904
LCS 880-97904/2-A	Lab Control Sample	Soluble	Solid	300.0	97904
LCSD 880-97904/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	97904

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Date Received: 12/13/24 11:49

Lab Chronicle

Client: CDH Consulting

Job ID: 890-7471-1

Project/Site: JACKSON B - 29Y

SDG: LOCO HILLS

Client Sample ID: SW 10

Date Collected: 12/13/24 10:07

Lab Sample ID: 890-7471-1

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			97932	AA	EET MID	12/16/24 10:12
Total/NA	Analysis	8021B		1	97908	MNR	EET MID	12/16/24 14:10
Total/NA	Analysis	Total BTEX		1	97986	SM	EET MID	12/16/24 14:10
Total/NA	Analysis	8015 NM		1	97981	SM	EET MID	12/16/24 14:43
Total/NA	Prep	8015NM Prep			97706	EL	EET MID	12/12/24 09:47
Total/NA	Analysis	8015B NM		1	97954	TKC	EET MID	12/16/24 14:43
Soluble	Leach	DI Leach			97904	SA	EET MID	12/16/24 07:49
Soluble	Analysis	300.0		1	97920	СН	EET MID	12/16/24 10:22

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

Job ID: 890-7471-1

Project/Site: JACKSON B - 29Y

SDG: LOCO HILLS

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Progra	am	Identification Number	Expiration Date
Texas	NELA	P	T104704400	06-30-25
• ,	are included in this report, bu	it the laboratory is not certif	fied by the governing authority. This lis	t may include analytes
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: JACKSON B - 29Y Job ID: 890-7471-1

SDG: LOCO HILLS

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: JACKSON B - 29Y

Job ID: 890-7471-1

SDG: LOCO HILLS

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-7471-1	SW 10	Solid	12/13/24 10:07	12/13/24 11:49

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Milchael	Environment Testing Midland, TX (432) 704-5440, San Antonio, TX (210) 509-33 Xenco EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296	34	Work Order No:
MILTAGE WILCRE WILCRE Williams Company Name Company Na	Hobbs, NM (575) 392-755(
UST/PST PRP Brownfields RRC	wicker	M]
	CDH CONSUlting	UST/PST	Brownfields
Col 6 - 970 - 74959 Final American Colored Col	(tate 71p.	Reporting: Level	PST/UST
Name: Jackson B-394 Turn Alound Disuster	1016-970-8459 Email: 1016-970	Co M. Deliverables:	
Controlled Control C	Jackson B-294 Turn Around	ANALYSIS REQUEST	ervative
The RECEPT Temporary Court of the Sampled Sampled Composition of the Sampled Court of the Sam			Cool: Cool MeOH: Me
The RECEIPT Temp Blank: Yes (No.) Wet Ice. (Ne.) you go to the String Blank: Yes (No.) Wet Ice. (Ne.) you go to the String Blank: Yes (No.) The monteet D: (er's Name: Dakoatah (Weto TAT starts the		HCL: HC HNO 3: HN HSO 4: H, NaOH: Na
Ves. No. (N/A) Thermometer (D: 170-20) Each Concection Factor: 10-2-2 Conception Factor: 10-2-2 Concep	LE RECEIPT Temp Blank: Yes(No) Wet Ice: (Yes No		
li K Se Ag SiO ₂ Na Sr Hg: 1631/245.1/ Received by: (Signature)	(Yes) No Thermometer ID: TMMOOO	890-7471 Chain of Custody	NaHSO 4: NABIS
Ii K Se Ag SiO ₂ Na Sr Hated.	Yes No N/A Temperature Beading:		Na ₂ S ₂ O ₃ · Na ₂ O ₃ Zn Acetate+NaOH: Zn
Ii K Se Ag SiO ₂ Na Sr TI Sr Hg: 1631/245.1/7470	Corrected Temperature: 3.6		NaOH+Ascorbic Acid: SAPC
Ii K Se Ag SiO ₂ Na Sr Tl Sn U V 747 Hg: 1631 / 245.1 / 7470 / 747	dentification Matrix Sampled Sampled Sampled Conn Cont		Sample Comments
Ii K Se Ag SiO ₂ Na Sr Tl Sn U V 747 Hg: 1631/245.1/7470 /747	O S 10-13-2024 10:07 COMP		
Se Ag SiO ₂ Na Sr Tl Sn U V 747 Hg: 1631 / 245.1 / 7470 / 747			
Ii K Se Ag SiO ₂ Na Sr Tl Sn U V 7 Hg: 1631 / 245.1 / 7470 / 747 Inted.			
Ii K Se Ag SiO ₂ Na Sr TI Sn U V 7 Hg: 1631 / 245.1 / 7470 / 747 Hg: 1631 / 245.1 / 7470 / 747 Received by: (Signature)			
Ii K Se Ag SiO ₂ Na Sr Tl Sn U V Hg: 1631 / 245.1 / 7470 / 747 Hated. Received by: (Signature)			
tated. Received by: (Signature)	Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba B Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 : 8RCRA Sb As Ba	.= ⊼	iiO ₂ Na Sr TI Sn U V Zn 831/245.1/7470 /7471
eceived by: (Signature)	tice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its 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 curofins Xenco. Aminimum charge of \$55.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco.	affiliates and subcontractors. It assigns standard terms and conditions by the client if such losses are due to circumstances beyond the control by but not analyzed. These terms will be enforced unless previously negotiated.	
7	Refriquished by: (Signature) Teseived by: (Signature) Date/Tin	me Relinquished by: (Signature) Received b	y: (Signature) Date/Time
WOW X DEALER & 12112 11	2	9	
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Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7471-1

SDG Number: LOCO HILLS

Login Number: 7471 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	

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Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7471-1 SDG Number: LOCO HILLS

Login Number: 7471 List Source: Eurofins Midland
List Number: 2 List Creation: 12/16/24 08:22 AM

Creator: Laing, Edmundo

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	

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Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/18/2024 4:33:58 PM

JOB DESCRIPTION

JACKSON B # 029Y LOCO HILLS

JOB NUMBER

890-7482-1

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 12/18/2024 4:33:58 PM

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

Client: CDH Consulting
Project/Site: JACKSON B # 029Y

Laboratory Job ID: 890-7482-1
SDG: LOCO HILLS

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Definitions/Glossary

Job ID: 890-7482-1 Client: CDH Consulting Project/Site: JACKSON B # 029Y

SDG: LOCO HILLS

Qualifiers

GC VOA

Qualifier **Qualifier Description**

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

HPLC/IC

Qualifier **Qualifier Description**

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

Percent Recovery %R 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" Minimum Detectable Activity (Radiochemistry) MDA MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit Minimum Level (Dioxin) ML MPN Most Probable Number Method Quantitation Limit MQL

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)

Reporting Limit or Requested Limit (Radiochemistry) RL

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin) Toxicity Equivalent Quotient (Dioxin) **TEQ**

TNTC Too Numerous To Count

Case Narrative

Client: CDH Consulting Job ID: 890-7482-1 Project: JACKSON B # 029Y

Eurofins Carlsbad Job ID: 890-7482-1

Job Narrative 890-7482-1

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 12/17/2024 3:04 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 1.6°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SW 02 (890-7482-1), SW 06 (890-7482-2), SW 07 (890-7482-3), SW 15 (890-7482-4) and SW 16 (890-7482-5).

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: (LCS 880-98114/2-A) and (LCSD 880-98114/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD NM: The laboratory control sample (LCS) for preparation batch 880-98114 and analytical batch 880-98179 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10. These analytes were biased high in the LCS and were within limits for the LCSD (laboratory control sample duplicate); therefore, the data have been reported.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-98115/2-A) and (880-52233-A-17-D). 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.

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

Client: CDH Consulting Job ID: 890-7482-1 Project/Site: JACKSON B # 029Y SDG: LOCO HILLS

Client Sample ID: SW 02 Lab Sample ID: 890-7482-1

Date Collected: 12/17/24 09:45 Matrix: Solid Date Received: 12/17/24 15:04

Sample Depth: 0' - 4'

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/17/24 22:32	12/18/24 05:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/17/24 22:32	12/18/24 05:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/17/24 22:32	12/18/24 05:46	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/17/24 22:32	12/18/24 05:46	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/17/24 22:32	12/18/24 05:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/17/24 22:32	12/18/24 05:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				12/17/24 22:32	12/18/24 05:46	1
1,4-Difluorobenzene (Surr)	99		70 - 130				12/17/24 22:32	12/18/24 05:46	1
Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/18/24 05:46	1
Method: SW846 8015 NM - Diese	ol Pango Organ	ice (DRO) (3C)						
Method: SW846 8015 NM - Diese Analyte		, ,,	•	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH		Qualifier	RL 50.0	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 12/18/24 13:56	Dil Fac
Analyte	Result	Qualifier	RL	MDL		<u>D</u>	Prepared		
Analyte Total TPH	Result <50.0	Qualifier U	50.0	MDL		<u>D</u>	Prepared		
Analyte Total TPH Method: SW846 8015B NM - Dies	Result <50.0	Qualifier U	50.0			<u>D</u>	Prepared Prepared		1
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics	Result <50.0	Qualifier Unics (DRO) Qualifier	RL 50.0		mg/Kg	-		12/18/24 13:56	1 Dil Fac
Analyte	Result <50.0 sel Range Orga Result	Qualifier U nics (DRO) Qualifier U *+	RL 50.0		mg/Kg Unit	-	Prepared	12/18/24 13:56 Analyzed	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result sel Range Orga Result <50.0	Qualifier U nics (DRO) Qualifier U *+	RL 50.0		mg/Kg Unit mg/Kg	-	Prepared 12/17/24 21:15	12/18/24 13:56 Analyzed 12/18/24 13:56	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result	Qualifier U nics (DRO) Qualifier U *+ U	RL 50.0 (GC) RL 50.0 50.0		mg/Kg Unit mg/Kg mg/Kg	-	Prepared 12/17/24 21:15 12/17/24 21:15	12/18/24 13:56 Analyzed 12/18/24 13:56 12/18/24 13:56	1 Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	Result	Qualifier U nics (DRO) Qualifier U *+ U	RL 50.0 (GC) RL 50.0 50.0 50.0		mg/Kg Unit mg/Kg mg/Kg	-	Prepared 12/17/24 21:15 12/17/24 21:15 12/17/24 21:15	12/18/24 13:56 Analyzed 12/18/24 13:56 12/18/24 13:56 12/18/24 13:56	Dil Face 1 1 1 Dil Face
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate	Result	Qualifier U nics (DRO) Qualifier U *+ U	RL		mg/Kg Unit mg/Kg mg/Kg	-	Prepared 12/17/24 21:15 12/17/24 21:15 12/17/24 21:15 Prepared	12/18/24 13:56 Analyzed 12/18/24 13:56 12/18/24 13:56 12/18/24 13:56 Analyzed	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result	Qualifier U nics (DRO) Qualifier U *+ U Qualifier	RL 50.0 (GC) RL 50.0 50.0 50.0 Limits 70 - 130 70 - 130		mg/Kg Unit mg/Kg mg/Kg	-	Prepared 12/17/24 21:15 12/17/24 21:15 12/17/24 21:15 Prepared 12/17/24 21:15	12/18/24 13:56 Analyzed 12/18/24 13:56 12/18/24 13:56 12/18/24 13:56 Analyzed 12/18/24 13:56	1 Dil Fac 1 1
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result	Qualifier U nics (DRO) Qualifier U *+ U Qualifier	RL 50.0 (GC) RL 50.0 50.0 50.0 Limits 70 - 130 70 - 130		mg/Kg Unit mg/Kg mg/Kg mg/Kg	-	Prepared 12/17/24 21:15 12/17/24 21:15 12/17/24 21:15 Prepared 12/17/24 21:15	12/18/24 13:56 Analyzed 12/18/24 13:56 12/18/24 13:56 12/18/24 13:56 Analyzed 12/18/24 13:56	1 Dil Fac 1 1 1 1 Dil Fac 1 1

Client Sample ID: SW 06 Lab Sample ID: 890-7482-2

Date Collected: 12/17/24 13:40 Date Received: 12/17/24 15:04

Sample Depth: 0' - 4'

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/17/24 22:32	12/18/24 06:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/17/24 22:32	12/18/24 06:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/17/24 22:32	12/18/24 06:07	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/17/24 22:32	12/18/24 06:07	1
m-Xylene & p-Xylene	< 0.00399	U	0.00399		mg/Kg		12/17/24 22:32	12/18/24 06:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/17/24 22:32	12/18/24 06:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				12/17/24 22:32	12/18/24 06:07	

Eurofins Carlsbad

Matrix: Solid

Job ID: 890-7482-1

Client: CDH Consulting Project/Site: JACKSON B # 029Y SDG: LOCO HILLS

Client Sample ID: SW 06 Lab Sample ID: 890-7482-2

Date Collected: 12/17/24 13:40 Matrix: Solid Date Received: 12/17/24 15:04

Sample Depth: 0' - 4'

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	99	70 - 130	12/17/24 22:32	12/18/24 06:07	1

Method: TAI	SOP Total BTFX -	- Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	< 0.00399	U	0.00399	ma/Ka			12/18/24 06:07	1

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

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	212	50.0	mg/Kg			12/18/24 13:10	1

Method: SW846 8015B NM - Diesel Range Organics	(DRO)	(GC)	١
motified. Offerto College Ithin Biodol Rungo Organico	(5.10)	, , , , ,	,

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		12/17/24 21:17	12/18/24 13:10	1
(GRO)-C6-C10									
Diesel Range Organics (Over	212		50.0		mg/Kg		12/17/24 21:17	12/18/24 13:10	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/17/24 21:17	12/18/24 13:10	1
	A / =								

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	74	70 - 130	12/17/24 21:1	7 12/18/24 13:10	1
o-Terphenyl	76	70 - 130	12/17/24 21:1	7 12/18/24 13:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit)	Prepared	Analyzed	Dil Fac	
Chloride	840		9.92		mg/Kg			12/18/24 00:52	1	

Client Sample ID: SW 07 Lab Sample ID: 890-7482-3

Date Collected: 12/17/24 13:47 Date Received: 12/17/24 15:04

Sample Depth: 0' - 4'

Method: SW846 8021B -	M-1-4!1- O	0 (00)

Mictilod. Offoro 002 ID - Volut	ne organie comp		,						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/17/24 22:32	12/18/24 06:27	1
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		12/17/24 22:32	12/18/24 06:27	1
Toluene	< 0.00199	U	0.00199		mg/Kg		12/17/24 22:32	12/18/24 06:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/17/24 22:32	12/18/24 06:27	1
m-Xylene & p-Xylene	< 0.00398	U	0.00398		mg/Kg		12/17/24 22:32	12/18/24 06:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/17/24 22:32	12/18/24 06:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1 Promofluorohonzono (Curr)	104		70 120				12/17/24 22:22	12/19/24 06:27	

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzea	DII Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	12/17/24 22:32	12/18/24 06:27	1
1,4-Difluorobenzene (Surr)	98		70 - 130	12/17/24 22:32	12/18/24 06:27	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			12/18/24 06:27	1

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			12/18/24 13:24	1

Eurofins Carlsbad

Matrix: Solid

Client Sample Results

Client: CDH Consulting Job ID: 890-7482-1 Project/Site: JACKSON B # 029Y SDG: LOCO HILLS

Client Sample ID: SW 07

Date Collected: 12/17/24 13:47 Date Received: 12/17/24 15:04

Sample Depth: 0' - 4'

Lab Sample ID: 890-7482-3

12/18/24 01:10

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/17/24 21:17	12/18/24 13:24	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/17/24 21:17	12/18/24 13:24	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/17/24 21:17	12/18/24 13:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130				12/17/24 21:17	12/18/24 13:24	1
o-Terphenyl	74		70 - 130				12/17/24 21:17	12/18/24 13:24	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solub	le						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Client Sample ID: SW 15 Lab Sample ID: 890-7482-4 Date Collected: 12/17/24 13:19 **Matrix: Solid**

49.9

mg/Kg

3320

73

Date Received: 12/17/24 15:04

Sample Depth: 4' - 20'

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/17/24 22:32	12/18/24 06:48	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/17/24 22:32	12/18/24 06:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/17/24 22:32	12/18/24 06:48	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/17/24 22:32	12/18/24 06:48	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/17/24 22:32	12/18/24 06:48	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/17/24 22:32	12/18/24 06:48	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	103		70 - 130				12/17/24 22:32	12/18/24 06:48	1
1,4-Difluorobenzene (Surr)	100		70 - 130				12/17/24 22:32	12/18/24 06:48	1
- Mathad: SW846 8015 NM - Diase	al Range Organ	ice (DRO) ((30)		mg/Kg				
Method: SW846 8015 NM - Diese Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	- (49.9)		49.9		mg/Kg			12/18/24 13:41	1
Method: SW846 8015B NM - Dies	sel Range Orga		• •	MDI	l lois	D	Drawarad	Amahamad	
Ameliate	Deculé	O							
Analyte		Qualifier	RL	MDL			Prepared	Analyzed	
Gasoline Range Organics			49.9 ———————————————————————————————————	MDL	mg/Kg		12/17/24 21:17	12/18/24 13:41	
Gasoline Range Organics (GRO)-C6-C10		U		MDL		=			
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<49.9 <49.9	U	49.9	MDL	mg/Kg		12/17/24 21:17 12/17/24 21:17	12/18/24 13:41	
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	MDL	mg/Kg	5	12/17/24 21:17	12/18/24 13:41	
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate	<49.9 <49.9	U U	49.9	MDL	mg/Kg		12/17/24 21:17 12/17/24 21:17	12/18/24 13:41	Dil Fac

Eurofins Carlsbad

12/18/24 13:41

12/17/24 21:17

70 - 130

o-Terphenyl

Matrix: Solid

Client: CDH Consulting Job ID: 890-7482-1 Project/Site: JACKSON B # 029Y SDG: LOCO HILLS

Client Sample ID: SW 15 Lab Sample ID: 890-7482-4

Date Collected: 12/17/24 13:19 Matrix: Solid Date Received: 12/17/24 15:04

Sample Depth: 4' - 20'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Chloride	4610		99.6		mg/Kg			12/18/24 01:16	10

Client Sample ID: SW 16 Lab Sample ID: 890-7482-5

Date Collected: 12/17/24 13:31 Date Received: 12/17/24 15:04

Sample Depth: 4' - 20'

Chloride

Released to Imaging: 11/5/2025 3:23:11 PM

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/17/24 22:32	12/18/24 07:08	
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/17/24 22:32	12/18/24 07:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/17/24 22:32	12/18/24 07:08	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		12/17/24 22:32	12/18/24 07:08	1
m-Xylene & p-Xylene	< 0.00403	U	0.00403		mg/Kg		12/17/24 22:32	12/18/24 07:08	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/17/24 22:32	12/18/24 07:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				12/17/24 22:32	12/18/24 07:08	
1,4-Difluorobenzene (Surr)	96		70 - 130				12/17/24 22:32	12/18/24 07:08	1
Method: TAL SOP Total BTEX - '	Total BTEX Cald	culation							
			Б.	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte	Result	Qualifier	RL	MDL	UIIIL	U	riepaieu	Allalyzeu	D u.
Total BTEX Method: SW846 8015 NM - Diese	<0.00403	ics (DRO) (0.00403 GC)		mg/Kg		<u> </u>	12/18/24 07:08	,
Total BTEX Method: SW846 8015 NM - Diese Analyte	<0.00403 el Range Organ Result	ics (DRO) (Qualifier	0.00403 GC)		mg/Kg Unit	<u>D</u>	Prepared	12/18/24 07:08 Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese	<0.00403	ics (DRO) (Qualifier	0.00403 GC)		mg/Kg		<u> </u>	12/18/24 07:08	1
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Die	<0.00403 el Range Organ Result <50.0 esel Range Organ	ics (DRO) (Qualifier U	0.00403 GC) RL 50.0 (GC)	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared	12/18/24 07:08 Analyzed 12/18/24 13:56	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Die Analyte	<0.00403 el Range Organ Result <50.0 sel Range Organ Result	ics (DRO) (Qualifier Unics (DRO) Qualifier	0.00403 GC) RL 50.0 (GC) RL	MDL	mg/Kg Unit mg/Kg Unit		Prepared Prepared	12/18/24 07:08 Analyzed 12/18/24 13:56 Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Die	<0.00403 el Range Organ Result <50.0 esel Range Organ	ics (DRO) (Qualifier Unics (DRO) Qualifier	0.00403 GC) RL 50.0 (GC)	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared	12/18/24 07:08 Analyzed 12/18/24 13:56	1
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<0.00403 el Range Organ Result <50.0 sel Range Organ Result	ics (DRO) (Qualifier U nics (DRO) Qualifier U	0.00403 GC) RL 50.0 (GC) RL	MDL	mg/Kg Unit mg/Kg Unit	<u>D</u>	Prepared Prepared	12/18/24 07:08 Analyzed 12/18/24 13:56 Analyzed	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10	<pre><0.00403 el Range Organ</pre>	ics (DRO) (Qualifier U nics (DRO) Qualifier U U	0.00403 GC) RL 50.0 (GC) RL 50.0	MDL	mg/Kg Unit mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared 12/17/24 21:17	12/18/24 07:08 Analyzed 12/18/24 13:56 Analyzed 12/18/24 13:56	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<0.00403 el Range Organ Result <50.0 sel Range Orga Result <50.0 <50.0 <50.0 %Recovery	ics (DRO) (Qualifier U Qualifier U Qualifier U U U U	0.00403 GC) RL 50.0 (GC) RL 50.0	MDL	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg	<u>D</u>	Prepared Prepared 12/17/24 21:17 12/17/24 21:17	Analyzed 12/18/24 13:56 Analyzed 12/18/24 13:56 12/18/24 13:56	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	<0.00403 el Range Organ Result <50.0 sel Range Orga Result <50.0 <50.0 <50.0	ics (DRO) (Qualifier U Qualifier U Qualifier U U U U	0.00403 GC) RL 50.0 GC) RL 50.0 50.0	MDL	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg	<u>D</u>	Prepared Prepared 12/17/24 21:17 12/17/24 21:17	Analyzed 12/18/24 13:56 Analyzed 12/18/24 13:56 12/18/24 13:56 12/18/24 13:56	Dil Fac

9.90

mg/Kg

1310

12/18/24 01:22

Surrogate Summary

Job ID: 890-7482-1 Client: CDH Consulting Project/Site: JACKSON B # 029Y SDG: LOCO HILLS

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

		DED4	DEDZ4	Percent Surrogate Recovery (Acceptance Limits)
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
390-7482-1	SW 02	101	99	
390-7482-2	SW 06	106	99	
390-7482-3	SW 07	104	98	
390-7482-4	SW 15	103	100	
390-7482-5	SW 16	113	96	
LCS 880-98116/1-A	Lab Control Sample	97	100	
LCSD 880-98116/2-A	Lab Control Sample Dup	103	99	
MB 880-98051/5-A	Method Blank	98	95	
MB 880-98116/5-A	Method Blank	95	95	
Surrogate Legend				

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-7482-1	SW 02	86	74	
390-7482-2	SW 06	74	76	
890-7482-3	SW 07	72	74	
890-7482-4	SW 15	71	73	
890-7482-5	SW 16	73	76	
LCS 880-98114/2-A	Lab Control Sample	141 S1+	115	
LCS 880-98115/2-A	Lab Control Sample	132 S1+	119	
LCSD 880-98114/3-A	Lab Control Sample Dup	131 S1+	104	
_CSD 880-98115/3-A	Lab Control Sample Dup	127	113	
MB 880-98114/1-A	Method Blank	107	94	
MB 880-98115/1-A	Method Blank	86	88	

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: CDH Consulting Job ID: 890-7482-1 Project/Site: JACKSON B # 029Y SDG: LOCO HILLS

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-98051/5-A

Analysis Batch: 98007

Matrix: Solid

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98051

	МВ	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/17/24 09:50	12/17/24 11:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/17/24 09:50	12/17/24 11:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/17/24 09:50	12/17/24 11:35	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/17/24 09:50	12/17/24 11:35	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/17/24 09:50	12/17/24 11:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/17/24 09:50	12/17/24 11:35	1

MB MB

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98	70 - 130	12/17/24 09:50	12/17/24 11:35	1
1,4-Difluorobenzene (Surr)	95	70 ₋ 130	12/17/24 09:50	12/17/24 11:35	1

Lab Sample ID: MB 880-98116/5-A

Matrix: Solid

Client Sample ID: Method Blank Prep Type: Total/NA

Prep Batch: 98116

٩naly	/Sis	Batch	ı: 9800	7		

	IVID	IVID							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/17/24 22:32	12/18/24 00:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/17/24 22:32	12/18/24 00:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/17/24 22:32	12/18/24 00:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/17/24 22:32	12/18/24 00:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/17/24 22:32	12/18/24 00:25	1
o-Xylene	< 0.00200	U	0.00200		mg/Kg		12/17/24 22:32	12/18/24 00:25	1

мв мв

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	12/17/24 22:32	12/18/24 00:25	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/17/24 22:32	12/18/24 00:25	1

Lab Sample ID: LCS 880-98116/1-A

Matrix: Solid

Analysis Batch: 98007

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98116

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.1264		mg/Kg		126	70 - 130	
Ethylbenzene	0.100	0.1187		mg/Kg		119	70 - 130	
Toluene	0.100	0.1229		mg/Kg		123	70 - 130	
m-Xylene & p-Xylene	0.200	0.2301		mg/Kg		115	70 - 130	
o-Xylene	0.100	0.1263		mg/Kg		126	70 - 130	

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	97	70 _ 130
1.4-Difluorobenzene (Surr)	100	70 - 130

Lab Sample ID: LCSD 880-98116/2-A

Matrix: Solid

Analysis Batch: 98007

Client Sample ID: Lab	Control Sample Dup
	Dron Type, Total/NA

Prep Type: Total/NA

Prep Batch: 98116

	Spike	LCSD LCSD				%Rec		RPD
Analyte	Added	Result Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1091	mg/Kg		109	70 - 130	15	35

QC Sample Results

Client: CDH Consulting

Job ID: 890-7482-1

Project/Site: JACKSON B # 029Y

SDG: LOCO HILLS

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

Lab Sample ID: LCSD 880-98116/2-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid** Prep Type: Total/NA **Analysis Batch: 98007** Prep Batch: 98116 Spike LCSD LCSD %Rec RPD Analyte Added Result Qualifier Unit %Rec Limits **RPD** Limit D Ethylbenzene 0.100 0.1090 70 - 130 35 mg/Kg 109 9 Toluene 0.100 0.1122 mg/Kg 112 70 - 130 35 0.200 m-Xylene & p-Xylene 0.2097 105 70 - 130 35 mg/Kg g o-Xylene 0.100 0.1163 mg/Kg 116 70 - 130 35 LCSD LCSD %Recovery Qualifier Limits Surrogate 70 - 130 4-Bromofluorobenzene (Surr) 103

70 - 130

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

99

Lab Sample ID: MB 880-98114/1-A Client Sample ID: Method Blank Matrix: Solid Prep Type: Total/NA **Analysis Batch: 98179** Prep Batch: 98114 MB MB Result Qualifier RL MDL Unit D Prepared Dil Fac Analyte Analyzed Gasoline Range Organics <50.0 U 50.0 12/17/24 21:15 12/18/24 10:49 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 50.0 mg/Kg 12/17/24 21:15 12/18/24 10:49 C10-C28) Oil Range Organics (Over C28-C36) <50.0 U 50.0 mg/Kg 12/17/24 21:15 12/18/24 10:49 MR MR %Recovery Surrogate Qualifier Limits Prepared Analyzed Dil Fac 107 70 - 130 12/17/24 21:15 12/18/24 10:49 1-Chlorooctane 94 70 - 130 o-Terphenyl 12/17/24 21:15 12/18/24 10:49

Lab Sample ID: LCS 880-98114/2-A	Client Sample ID: Lab Control Sample
Matrix: Solid	Prep Type: Total/NA

Analysis Batch: 98179

1,4-Difluorobenzene (Surr)

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	1358	*+	mg/Kg		136	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	1130		mg/Kg		113	70 - 130	
C10-C28)								

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	141	S1+	70 - 130
o-Terphenyl	115		70 - 130

Lab Sample ID: LCSD 880-98114/3-A

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 98179

	Spike	LCSD	LCSD			%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D %Re	c Limits	RPD	Limit
Gasoline Range Organics	1000	1298		mg/Kg	13	70 - 130	5	20
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	976.8		mg/Kg	9	8 70 - 130	15	20
C10-C28)								

Eurofins Carlsbad

Prep Batch: 98114

Prep Batch: 98114

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13

Client: CDH Consulting Job ID: 890-7482-1 Project/Site: JACKSON B # 029Y SDG: LOCO HILLS

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

Lab Sample ID: LCSD 880-98114/3-A

Matrix: Solid

Analysis Batch: 98179

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98114

LCSD LCSD

%Recovery Qualifier Surrogate Limits 1-Chlorooctane 131 S1+ 70 - 130 o-Terphenyl 104 70 - 130

Lab Sample ID: MB 880-98115/1-A Client Sample ID: Method Blank

Matrix: Solid

Analysis Batch: 98181

Prep Type: Total/NA

Prep Batch: 98115

MB MB Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac <50.0 U 50.0 12/17/24 21:17 12/18/24 10:49 Gasoline Range Organics mg/Kg (GRO)-C6-C10 12/17/24 21:17 Diesel Range Organics (Over 50.0 12/18/24 10:49 <50.0 U mg/Kg C10-C28) Oil Range Organics (Over C28-C36) <50.0 U 50.0 mg/Kg 12/17/24 21:17 12/18/24 10:49

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	12/17/24 21:17	12/18/24 10:49	1
o-Terphenyl	88		70 - 130	12/17/24 21:17	12/18/24 10:49	1

Lab Sample ID: LCS 880-98115/2-A

Matrix: Solid

Analysis Batch: 98181

Client Sample ID: Lab Control Sample Prep Type: Total/NA

Prep Batch: 98115

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	1169		mg/Kg		117	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	1151		mg/Kg		115	70 - 130	
C10-C28)								

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	132	S1+	70 - 130
o-Terphenvl	119		70 - 130

Lab Sample ID: LCSD 880-98115/3-A

Matrix: Solid

Analysis Batch: 98181

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98115

	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics	1000	1140		mg/Kg		114	70 - 130	3	20	
(GRO)-C6-C10										
Diesel Range Organics (Over	1000	1061		mg/Kg		106	70 - 130	8	20	

C10-C28)

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	127		70 - 130
o-Terphenyl	113		70 - 130

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Prep Type: Soluble

Prep Type: Soluble

QC Sample Results

Client: CDH Consulting Job ID: 890-7482-1 Project/Site: JACKSON B # 029Y SDG: LOCO HILLS

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-98112/1-A

Matrix: Solid

Analysis Batch: 98113

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/17/24 22:49	1

Lab Sample ID: LCS 880-98112/2-A

Matrix: Solid

Analysis Batch: 98113

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	250	246.7		mg/Kg		99	90 - 110	

Lab Sample ID: LCSD 880-98112/3-A

Matrix: Solid

Analysis Batch: 98113

	s	pike	LCSD	LCSD				%Rec		RPD
Analyte	Ac	lded	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride		250	247.2		mg/Kg		99	90 - 110	0	20

QC Association Summary

Client: CDH Consulting Job ID: 890-7482-1 Project/Site: JACKSON B # 029Y SDG: LOCO HILLS

GC VOA

Analysis Batch: 98007

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7482-1	SW 02	Total/NA	Solid	8021B	98116
890-7482-2	SW 06	Total/NA	Solid	8021B	98116
890-7482-3	SW 07	Total/NA	Solid	8021B	98116
890-7482-4	SW 15	Total/NA	Solid	8021B	98116
890-7482-5	SW 16	Total/NA	Solid	8021B	98116
MB 880-98051/5-A	Method Blank	Total/NA	Solid	8021B	98051
MB 880-98116/5-A	Method Blank	Total/NA	Solid	8021B	98116
LCS 880-98116/1-A	Lab Control Sample	Total/NA	Solid	8021B	98116
LCSD 880-98116/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98116

Prep Batch: 98051

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-98051/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 98116

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7482-1	SW 02	Total/NA	Solid	5035	<u> </u>
890-7482-2	SW 06	Total/NA	Solid	5035	
890-7482-3	SW 07	Total/NA	Solid	5035	
890-7482-4	SW 15	Total/NA	Solid	5035	
890-7482-5	SW 16	Total/NA	Solid	5035	
MB 880-98116/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98116/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98116/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 98129

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7482-1	SW 02	Total/NA	Solid	Total BTEX	
890-7482-2	SW 06	Total/NA	Solid	Total BTEX	
890-7482-3	SW 07	Total/NA	Solid	Total BTEX	
890-7482-4	SW 15	Total/NA	Solid	Total BTEX	
890-7482-5	SW 16	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 98114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7482-1	SW 02	Total/NA	Solid	8015NM Prep	
MB 880-98114/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98114/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98114/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 98115

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7482-2	SW 06	Total/NA	Solid	8015NM Prep	
890-7482-3	SW 07	Total/NA	Solid	8015NM Prep	
890-7482-4	SW 15	Total/NA	Solid	8015NM Prep	
890-7482-5	SW 16	Total/NA	Solid	8015NM Prep	
MB 880-98115/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-98115/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-98115/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: CDH Consulting

Job ID: 890-7482-1 Project/Site: JACKSON B # 029Y SDG: LOCO HILLS

GC Semi VOA

Analysis Batch: 98179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7482-1	SW 02	Total/NA	Solid	8015B NM	98114
MB 880-98114/1-A	Method Blank	Total/NA	Solid	8015B NM	98114
LCS 880-98114/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98114
LCSD 880-98114/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98114

Analysis Batch: 98181

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7482-2	SW 06	Total/NA	Solid	8015B NM	98115
890-7482-3	SW 07	Total/NA	Solid	8015B NM	98115
890-7482-4	SW 15	Total/NA	Solid	8015B NM	98115
890-7482-5	SW 16	Total/NA	Solid	8015B NM	98115
MB 880-98115/1-A	Method Blank	Total/NA	Solid	8015B NM	98115
LCS 880-98115/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	98115
LCSD 880-98115/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	98115

Analysis Batch: 98193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7482-1	SW 02	Total/NA	Solid	8015 NM	
890-7482-2	SW 06	Total/NA	Solid	8015 NM	
890-7482-3	SW 07	Total/NA	Solid	8015 NM	
890-7482-4	SW 15	Total/NA	Solid	8015 NM	
890-7482-5	SW 16	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 98112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7482-1	SW 02	Soluble	Solid	DI Leach	
890-7482-2	SW 06	Soluble	Solid	DI Leach	
890-7482-3	SW 07	Soluble	Solid	DI Leach	
890-7482-4	SW 15	Soluble	Solid	DI Leach	
890-7482-5	SW 16	Soluble	Solid	DI Leach	
MB 880-98112/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-98112/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-98112/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 98113

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7482-1	SW 02	Soluble	Solid	300.0	98112
890-7482-2	SW 06	Soluble	Solid	300.0	98112
890-7482-3	SW 07	Soluble	Solid	300.0	98112
890-7482-4	SW 15	Soluble	Solid	300.0	98112
890-7482-5	SW 16	Soluble	Solid	300.0	98112
MB 880-98112/1-A	Method Blank	Soluble	Solid	300.0	98112
LCS 880-98112/2-A	Lab Control Sample	Soluble	Solid	300.0	98112
LCSD 880-98112/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	98112

Job ID: 890-7482-1

SDG: LOCO HILLS

Client Sample ID: SW 02

Lab Sample ID: 890-7482-1

Matrix: Solid

Date Collected: 12/17/24 09:45 Date Received: 12/17/24 15:04

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			98116	MNR	EET MID	12/17/24 22:32
Total/NA	Analysis	8021B		1	98007	MNR	EET MID	12/18/24 05:46
Total/NA	Analysis	Total BTEX		1	98129	SM	EET MID	12/18/24 05:46
Total/NA	Analysis	8015 NM		1	98193	SM	EET MID	12/18/24 13:56
Total/NA	Prep	8015NM Prep			98114	EL	EET MID	12/17/24 21:15
Total/NA	Analysis	8015B NM		1	98179	TKC	EET MID	12/18/24 13:56
Soluble	Leach	DI Leach			98112	СН	EET MID	12/17/24 21:02

Client Sample ID: SW 06 Lab Sample ID: 890-7482-2 Date Collected: 12/17/24 13:40

98113 SMC

EET MID

Matrix: Solid

12/18/24 00:47

Date Received: 12/17/24 15:04

Analysis

300.0

Soluble

Batch Batch Dilution Batch Prepared Prep Type Туре Method Run Factor **Number Analyst** Lab or Analyzed Prep 5035 12/17/24 22:32 Total/NA 98116 MNR EET MID Total/NA 8021B 98007 MNR 12/18/24 06:07 Analysis 1 EET MID Total/NA Total BTEX 12/18/24 06:07 Analysis 1 98129 SM **EET MID** Total/NA Analysis 8015 NM 98193 SM **EET MID** 12/18/24 13:10 Total/NA Prep 8015NM Prep 98115 EL FFT MID 12/17/24 21:17 Total/NA Analysis 8015B NM 98181 TKC **EET MID** 12/18/24 13:10 12/17/24 21:02 Soluble **EET MID** Leach DI Leach 98112 CH Soluble Analysis 300.0 1 98113 SMC **EET MID** 12/18/24 00:52

Client Sample ID: SW 07 Lab Sample ID: 890-7482-3

Date Collected: 12/17/24 13:47 **Matrix: Solid** Date Received: 12/17/24 15:04

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			98116	MNR	EET MID	12/17/24 22:32
Total/NA	Analysis	8021B		1	98007	MNR	EET MID	12/18/24 06:27
Total/NA	Analysis	Total BTEX		1	98129	SM	EET MID	12/18/24 06:27
Total/NA	Analysis	8015 NM		1	98193	SM	EET MID	12/18/24 13:24
Total/NA	Prep	8015NM Prep			98115	EL	EET MID	12/17/24 21:17
Total/NA	Analysis	8015B NM		1	98181	TKC	EET MID	12/18/24 13:24
Soluble	Leach	DI Leach			98112	СН	EET MID	12/17/24 21:02
Soluble	Analysis	300.0		5	98113	SMC	EET MID	12/18/24 01:10

Client Sample ID: SW 15 Lab Sample ID: 890-7482-4 Matrix: Solid Date Collected: 12/17/24 13:19

Date Received: 12/17/24 15:04

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			98116	MNR	EET MID	12/17/24 22:32
Total/NA	Analysis	8021B		1	98007	MNR	EET MID	12/18/24 06:48
Total/NA	Analysis	Total BTEX		1	98129	SM	EET MID	12/18/24 06:48

Date Received: 12/17/24 15:04

Lab Chronicle

Client: CDH Consulting Job ID: 890-7482-1 Project/Site: JACKSON B # 029Y SDG: LOCO HILLS

Client Sample ID: SW 15 Lab Sample ID: 890-7482-4 Date Collected: 12/17/24 13:19

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Analysis	8015 NM			98193	SM	EET MID	12/18/24 13:41
Total/NA	Prep	8015NM Prep			98115	EL	EET MID	12/17/24 21:17
Total/NA	Analysis	8015B NM		1	98181	TKC	EET MID	12/18/24 13:41
Soluble	Leach	DI Leach			98112	СН	EET MID	12/17/24 21:02
Soluble	Analysis	300.0		10	98113	SMC	EET MID	12/18/24 01:16

Client Sample ID: SW 16 Lab Sample ID: 890-7482-5

Date Collected: 12/17/24 13:31 Matrix: Solid

Date Received: 12/17/24 15:04

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			98116	MNR	EET MID	12/17/24 22:32
Total/NA	Analysis	8021B		1	98007	MNR	EET MID	12/18/24 07:08
Total/NA	Analysis	Total BTEX		1	98129	SM	EET MID	12/18/24 07:08
Total/NA	Analysis	8015 NM		1	98193	SM	EET MID	12/18/24 13:56
Total/NA	Prep	8015NM Prep			98115	EL	EET MID	12/17/24 21:17
Total/NA	Analysis	8015B NM		1	98181	TKC	EET MID	12/18/24 13:56
Soluble	Leach	DI Leach			98112	СН	EET MID	12/17/24 21:02
Soluble	Analysis	300.0		1	98113	SMC	EET MID	12/18/24 01:22

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: CDH Consulting

Job ID: 890-7482-1

Project/Site: JACKSON B # 029Y

SDG: LOCO HILLS

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Progra	am	Identification Number	Expiration Date
Texas	NELA	P	T104704400	06-30-25
• ,	are included in this report, bu	it the laboratory is not certif	fied by the governing authority. This lis	t may include analytes
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: JACKSON B # 029Y

Job ID: 890-7482-1

SDG: LOCO HILLS

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

SW 16

Sample Summary

Client: CDH Consulting

890-7482-5

Project/Site: JACKSON B # 029Y

Job ID: 890-7482-1 SDG: LOCO HILLS

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7482-1	SW 02	Solid	12/17/24 09:45	12/17/24 15:04	0' - 4'
890-7482-2	SW 06	Solid	12/17/24 13:40	12/17/24 15:04	0' - 4'
890-7482-3	SW 07	Solid	12/17/24 13:47	12/17/24 15:04	0' - 4'
890-7482-4	SW 15	Solid	12/17/24 13:19	12/17/24 15:04	4' - 20'

12/17/24 13:31

12/17/24 15:04 4' - 20'

Solid

A

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12

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eurofins

Company Name:

Consult/2

Michae

Willer

Bill to: (if different) Company Name:

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐ **Work Order Comments** **Environment Testing**

Chain of Custody

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 Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300 Little Rock, AR (501) 224-5060

Worl
(Orde
Y No:

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7482-1

SDG Number: LOCO HILLS

Login Number: 7482 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	

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Login Sample Receipt Checklist

Client: CDH Consulting Job Number: 890-7482-1

SDG Number: LOCO HILLS

Login Number: 7482 **List Source: Eurofins Midland** List Number: 2

List Creation: 12/17/24 08:59 PM

Creator: Laing, Edmundo

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	N/A	

Released to Imaging: 11/5/2025 3:23:11 PM

<6mm (1/4").

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/20/2024 3:03:41 PM

JOB DESCRIPTION

Jackson B #029Y

JOB NUMBER

890-7494-1

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

Opi All

Generated 12/20/2024 3:03:41 PM

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

Laboratory Job ID: 890-7494-1

Project/Site: Jackson B #029Y

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Definitions/Glossary

Client: CDH Consulting

Job ID: 890-7494-1

Project/Site: Jackson B #029Y

Qualifiers

GC VOA

Qualifier Description

U Indicates the analyte was analyzed for but not detected.

Ouglifier Description

GC Semi VOA

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

HPLC/IC

U Indicates the analyte was analyzed for but not detected.

Glossary

LOD

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

Minimum Level (Dioxin)

Limit of Detection (DoD/DOE)

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 Job ID: 890-7494-1 Project: Jackson B #029Y

Eurofins Carlsbad Job ID: 890-7494-1

Job Narrative 890-7494-1

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 1:30 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 0.6°C.

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 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.

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

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

Matrix: Solid

Lab Sample ID: 890-7494-1

Job ID: 890-7494-1

Client: CDH Consulting Project/Site: Jackson B #029Y

Client Sample ID: SW02

Date Collected: 12/19/24 08:57 Date Received: 12/19/24 13:30

Sample Depth: 0-4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/20/24 08:21	12/20/24 11:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/20/24 08:21	12/20/24 11:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/20/24 08:21	12/20/24 11:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/20/24 08:21	12/20/24 11:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/20/24 08:21	12/20/24 11:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/20/24 08:21	12/20/24 11:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130				12/20/24 08:21	12/20/24 11:23	1
1,4-Difluorobenzene (Surr)	93		70 - 130				12/20/24 08:21	12/20/24 11:23	1
Method: TAL SOP Total BTEX -	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/20/24 11:23	1
Method: SW846 8015 NM - Dies	al Ranga Organ	ice (DRO) ((ec)						
: Method: SW846 8015 NM - Dies Analyte	•	ics (DRO) (G	GC)	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	•	Qualifier	•	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 12/20/24 13:36	Dil Fac
Analyte	Result <49.8	Qualifier U	RL 49.8	MDL		<u>D</u>	Prepared		Dil Fac
Analyte Total TPH	Result <49.8 esel Range Orga	Qualifier U	RL 49.8	MDL	mg/Kg	<u>D</u>	Prepared Prepared		1
Analyte Total TPH Method: SW846 8015B NM - Die	Result <49.8 esel Range Orga	Qualifier Unics (DRO) Qualifier	RL 49.8 (GC)		mg/Kg			12/20/24 13:36	1 Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <49.8 esel Range Orga Result	Qualifier U nics (DRO) Qualifier U *+	(GC)		mg/Kg		Prepared	12/20/24 13:36 Analyzed	1 Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10	Result <49.8 Result <49.8 Result <49.8	Qualifier U nics (DRO) Qualifier U *+ U *+	RL 49.8 (GC) RL 49.8		mg/Kg Unit mg/Kg		Prepared 12/19/24 21:32	12/20/24 13:36 Analyzed 12/20/24 13:36	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <49.8 Result <49.8 Result <49.8 <49.8	Qualifier U nics (DRO) Qualifier U *+ U *+	RL 49.8 (GC) RL 49.8 49.8		mg/Kg Unit mg/Kg mg/Kg		Prepared 12/19/24 21:32 12/19/24 21:32	12/20/24 13:36 Analyzed 12/20/24 13:36 12/20/24 13:36	1 Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	Result	Qualifier U nics (DRO) Qualifier U *+ U *+	RL 49.8 (GC) RL 49.8 49.8 49.8		mg/Kg Unit mg/Kg mg/Kg		Prepared 12/19/24 21:32 12/19/24 21:32 12/19/24 21:32	12/20/24 13:36 Analyzed 12/20/24 13:36 12/20/24 13:36 12/20/24 13:36	Dil Fac 1 1 Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate	Result	Qualifier U nics (DRO) Qualifier U *+ U *+	RL 49.8 (GC) RL 49.8 49.8 49.8 Limits		mg/Kg Unit mg/Kg mg/Kg		Prepared 12/19/24 21:32 12/19/24 21:32 12/19/24 21:32 Prepared	12/20/24 13:36 Analyzed 12/20/24 13:36 12/20/24 13:36 12/20/24 13:36 Analyzed	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result	Qualifier U nics (DRO) Qualifier U *+ U *+ U Qualifier	RL 49.8 (GC) RL 49.8 49.8 49.8 Limits 70 - 130 70 - 130		mg/Kg Unit mg/Kg mg/Kg		Prepared 12/19/24 21:32 12/19/24 21:32 12/19/24 21:32 Prepared 12/19/24 21:32	12/20/24 13:36 Analyzed 12/20/24 13:36 12/20/24 13:36 12/20/24 13:36 Analyzed 12/20/24 13:36	Dil Fac 1 1 Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result	Qualifier U nics (DRO) Qualifier U *+ U *+ U Qualifier	RL 49.8 (GC) RL 49.8 49.8 49.8 Limits 70 - 130 70 - 130		mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 12/19/24 21:32 12/19/24 21:32 12/19/24 21:32 Prepared 12/19/24 21:32	12/20/24 13:36 Analyzed 12/20/24 13:36 12/20/24 13:36 12/20/24 13:36 Analyzed 12/20/24 13:36	Dil Fac 1 1 Dil Fac

Client Sample ID: SW06 Lab Sample ID: 890-7494-2

Date Collected: 12/19/24 10:55 Date Received: 12/19/24 13:30

Date Received. 12/19/2

Sample Depth: 0-4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:21	12/20/24 11:44	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:21	12/20/24 11:44	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:21	12/20/24 11:44	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		12/20/24 08:21	12/20/24 11:44	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/20/24 08:21	12/20/24 11:44	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/20/24 08:21	12/20/24 11:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130				12/20/24 08:21	12/20/24 11:44	

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13

Matrix: Solid

Client: CDH Consulting

Job ID: 890-7494-1

Project/Site: Jackson B #029Y

Client Sample ID: SW06 Lab Sample ID: 890-7494-2

Matrix: Solid

Date Collected: 12/19/24 10:55 Date Received: 12/19/24 13:30

Sample Depth: 0-4

Method: SW846 8021B	- Volatile Organic	Compounds (GC)	(Continued)
moundar official course	Tolumo Organio	oompounae (,	(Continuou,

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1 4-Difluorobenzene (Surr)	92	70 - 130	12/20/24 08:21	12/20/24 11:44	

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	r	mg/Kg			12/20/24 11:44	1

Method: SW846 8015 NM - Diesel Range Organics (DR	
	Organica (DDO) (CC)
	Ordanics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL (Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<50.0	U	50.0	r	ma/Ka			12/20/24 13:52	1	

Method: SW846 8015B NM - Diesel Range Organics	(DRO)	(GC)	١
motified. Offerto College Ithin Biodol Rungo Organico	(5.10)	, , , , ,	,

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 21:32	12/20/24 13:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		12/19/24 21:32	12/20/24 13:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 13:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92	70 - 130	12/19/24 21:32	12/20/24 13:52	1
o-Terphenyl	97	70 - 130	12/19/24 21:32	12/20/24 13:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	399		10.0		mg/Kg			12/20/24 10:52	1

Client Sample ID: SW07 Lab Sample ID: 890-7494-3

Date Collected: 12/19/24 11:35 Date Received: 12/19/24 13:30

Sample Depth: 0-4

Mathad: SW946 9024P Valatila Organia Compounds (GC)

Method: SW846 8021B - Volati	ile Organic Comp	ounds (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:21	12/20/24 12:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:21	12/20/24 12:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:21	12/20/24 12:04	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/20/24 08:21	12/20/24 12:04	1
m-Xylene & p-Xylene	< 0.00401	U	0.00401		mg/Kg		12/20/24 08:21	12/20/24 12:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:21	12/20/24 12:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130				12/20/24 08:21	12/20/24 12:04	1
1,4-Difluorobenzene (Surr)	96		70 - 130				12/20/24 08:21	12/20/24 12:04	1

Method: TAI	SOP Total BTFX	- Total RTFX	Calculation

Analyte	Result	Qualifier	RL	MDL (Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	r	ma/Ka			12/20/24 12:04	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			12/20/24 14:07	1

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Matrix: Solid

Client Sample Results

Client: CDH Consulting Job ID: 890-7494-1

Project/Site: Jackson B #029Y

Client Sample ID: SW07 Lab Sample ID: 890-7494-3 Date Collected: 12/19/24 11:35

Matrix: Solid

Date Received: 12/19/24 13:30

Sample Depth: 0-4

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 21:32	12/20/24 14:07	1
Diesel Range Organics (Over C10-C28)	<49.7	U *+	49.7		mg/Kg		12/19/24 21:32	12/20/24 14:07	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/24 21:32	12/20/24 14:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				12/19/24 21:32	12/20/24 14:07	1
o-Terphenyl	110		70 ₋ 130				12/19/24 21:32	12/20/24 14:07	1

Method: EPA 300.0 - Anions, Ion C	Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	136		9.96		mg/Kg			12/20/24 10:59	1	

Surrogate Summary

Client: CDH Consulting Job ID: 890-7494-1

Project/Site: Jackson B #029Y

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

		BFB1	DFBZ1	Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-7494-1	SW02	80	93	
890-7494-1 MS	SW02	88	108	
890-7494-1 MSD	SW02	101	106	
890-7494-2	SW06	82	92	
890-7494-3	SW07	83	96	
LCS 880-98429/1-A	Lab Control Sample	103	96	
LCSD 880-98429/2-A	Lab Control Sample Dup	85	105	
MB 880-98429/5-A	Method Blank	79	91	

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-7494-1	SW02	92	95	
890-7494-2	SW06	92	97	
390-7494-3	SW07	105	110	
_CS 880-98404/2-A	Lab Control Sample	158 S1+	172 S1+	
_CSD 880-98404/3-A	Lab Control Sample Dup	166 S1+	175 S1+	
MB 880-98404/1-A	Method Blank	93	96	

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Client: CDH Consulting Job ID: 890-7494-1

Project/Site: Jackson B #029Y

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-98429/5-A **Matrix: Solid**

Analysis Batch: 98345

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98429

	INID	INID							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:21	12/20/24 11:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:21	12/20/24 11:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:21	12/20/24 11:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/24 08:21	12/20/24 11:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/24 08:21	12/20/24 11:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/24 08:21	12/20/24 11:02	1

мв мв

MD MD

	Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
	4-Bromofluorobenzene (Surr)	79		70 - 130	_	12/20/24 08:21	12/20/24 11:02	1
١	1,4-Difluorobenzene (Surr)	91		70 - 130		12/20/24 08:21	12/20/24 11:02	1

Lab Sample ID: LCS 880-98429/1-A

Matrix: Solid

Analysis Batch: 98345

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98429

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.09483	-	mg/Kg		95	70 - 130	
Ethylbenzene	0.100	0.1041		mg/Kg		104	70 - 130	
Toluene	0.100	0.09418		mg/Kg		94	70 - 130	
m-Xylene & p-Xylene	0.200	0.2038		mg/Kg		102	70 - 130	
o-Xylene	0.100	0.1006		mg/Kg		101	70 - 130	

LCS LCS

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

Lab Sample ID: LCSD 880-98429/2-A

Matrix: Solid

Analysis Batch: 98345

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA Prep Batch: 98429

	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.1013		mg/Kg		101	70 - 130	7	35	
Ethylbenzene	0.100	0.08580		mg/Kg		86	70 - 130	19	35	
Toluene	0.100	0.09665		mg/Kg		97	70 - 130	3	35	
m-Xylene & p-Xylene	0.200	0.1694		mg/Kg		85	70 - 130	18	35	
o-Xylene	0.100	0.08283		mg/Kg		83	70 - 130	19	35	

LCSD LCSD

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	85	70 - 130
1,4-Difluorobenzene (Surr)	105	70 - 130

Lab Sample ID: 890-7494-1 MS

Matrix: Solid

Analysis Batch: 98345

Client Sample ID: SW02 Prep Type: Total/NA

Prep Batch: 98429

	Sample	Sample	Spike	MS	MS				%Rec
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	<0.00199	U	0.0996	0.1025		mg/Kg		103	70 - 130
Ethylbenzene	<0.00199	U	0.0996	0.08525		mg/Kg		86	70 - 130

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Client: CDH Consulting Project/Site: Jackson B #029Y

Job ID: 890-7494-1

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

Matrix: Solid

Lab Sample ID: 890-7494-1 MS Client Sample ID: SW02 Prep Type: Total/NA Analysis Batch: 98345 Prep Batch: 98429

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Toluene	<0.00199	U	0.0996	0.09712		mg/Kg		98	70 - 130	
m-Xylene & p-Xylene	<0.00398	U	0.199	0.1693		mg/Kg		85	70 - 130	
o-Xylene	< 0.00199	U	0.0996	0.08191		mg/Kg		82	70 - 130	

MS MS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	88		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 890-7494-1 MSD									Client Sa	mple ID:	SW02
Matrix: Solid									Prep	Type: Tot	tal/NA
Analysis Batch: 98345									Pre	p Batch:	98429
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit

<0.00199 U 0.101 0.1051 Benzene mg/Kg 104 70 - 130 35 Ethylbenzene <0.00199 U 0.101 0.08356 70 - 130 35 mg/Kg 83 2 Toluene <0.00199 U 0.101 0.09885 mg/Kg 98 70 - 130 2 35 m-Xylene & p-Xylene <0.00398 U 0.202 0.1680 83 70 - 130 35 mg/Kg 0.101 o-Xylene <0.00199 U 0.09857 70 - 130 mg/Kg 98 18

MSD MSD

Surrogate	%Recovery Q	ualifier)	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

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

Lab Sample ID: MB 880-98404/1-A	Client Sample ID: Method Blank
Matrix: Solid	Prep Type: Total/NA
Analysis Batch: 98430	Prep Batch: 98404
MB MB	

	MB	MR							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		12/19/24 21:32	12/20/24 09:12	1
C10-C28)									
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 Client Sample ID: Lab Control Sample

Matrix: Solid Prep Type: Total/NA Analysis Batch: 98430 Prep Batch: 98404

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	1398	*+	mg/Kg		140	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	1468	*+	mg/Kg		147	70 - 130	
C10-C28)								

Job ID: 890-7494-1 Client: CDH Consulting

Project/Site: Jackson B #029Y

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

мв мв

Lab Sample ID: LCS 880-98404/2-A Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Solid Analysis Batch: 98430 Prep Batch: 98404

LCS LCS Surrogate %Recovery Qualifier Limits 1-Chlorooctane 158 S1+ 70 - 130 o-Terphenyl 172 S1+ 70 - 130

Lab Sample ID: LCSD 880-98404/3-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid Prep Type: Total/NA Analysis Batch: 98430 Prep Batch: 98404

Spike LCSD LCSD %Rec RPD Analyte Added Result Qualifier Unit D %Rec Limits **RPD** Limit 1000 1465 147 70 - 1305 20 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 1590 *+ mg/Kg 159 70 - 13020 8 C10-C28)

LCSD LCSD Surrogate %Recovery Qualifier Limits 166 S1+ 70 - 130 1-Chlorooctane 175 S1+ 70 - 130 o-Terphenyl

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-98373/1-A Client Sample ID: Method Blank **Matrix: Solid**

Prep Type: Soluble

Analysis Batch: 98377

Analyte Result Qualifier RL MDL Unit D Prepared Dil Fac Analyzed Chloride 10.0 <10.0 U mg/Kg 12/20/24 03:00

Lab Sample ID: LCS 880-98373/2-A Client Sample ID: Lab Control Sample **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 98377

Spike LCS LCS %Rec Added Analyte Result Qualifier Unit D %Rec Limits Chloride 250 258.6 mg/Kg 103 90 - 110

Lab Sample ID: LCSD 880-98373/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid**

Analysis Batch: 98377

Spike LCSD LCSD %Rec RPD Added Analyte Result Qualifier Unit %Rec Limits RPD Limit Chloride 250 257.5 103 90 - 110 20 mg/Kg

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Prep Type: Soluble

QC Association Summary

Client: CDH Consulting

Job ID: 890-7494-1

Project/Site: Jackson B #029Y

GC VOA

Analysis Batch: 98345

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7494-1	SW02	Total/NA	Solid	8021B	98429
890-7494-2	SW06	Total/NA	Solid	8021B	98429
890-7494-3	SW07	Total/NA	Solid	8021B	98429
MB 880-98429/5-A	Method Blank	Total/NA	Solid	8021B	98429
LCS 880-98429/1-A	Lab Control Sample	Total/NA	Solid	8021B	98429
LCSD 880-98429/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	98429
890-7494-1 MS	SW02	Total/NA	Solid	8021B	98429
890-7494-1 MSD	SW02	Total/NA	Solid	8021B	98429

Prep Batch: 98429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7494-1	SW02	Total/NA	Solid	5035	
890-7494-2	SW06	Total/NA	Solid	5035	
890-7494-3	SW07	Total/NA	Solid	5035	
MB 880-98429/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-98429/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-98429/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7494-1 MS	SW02	Total/NA	Solid	5035	
890-7494-1 MSD	SW02	Total/NA	Solid	5035	

Analysis Batch: 98503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7494-1	SW02	Total/NA	Solid	Total BTEX	
890-7494-2	SW06	Total/NA	Solid	Total BTEX	
890-7494-3	SW07	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 98404

Lab Camula ID	Client Comple ID	Dran Tuna	Maduly	Mathad	Duan Datah
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7494-1	SW02	Total/NA	Solid	8015NM Prep	
890-7494-2	SW06	Total/NA	Solid	8015NM Prep	
890-7494-3	SW07	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	

Analysis Batch: 98430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7494-1	SW02	Total/NA	Solid	8015B NM	98404
890-7494-2	SW06	Total/NA	Solid	8015B NM	98404
890-7494-3	SW07	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

Analysis Batch: 98527

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7494-1	SW02	Total/NA	Solid	8015 NM	
890-7494-2	SW06	Total/NA	Solid	8015 NM	
890-7494-3	SW07	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: CDH Consulting

Job ID: 890-7494-1

Project/Site: Jackson B #029Y

HPLC/IC

Leach Batch: 98373

Lab Sample ID 890-7494-1	Client Sample ID SW02	Prep Type Soluble	Matrix Solid	Method DI Leach	Prep Batch
890-7494-2	SW06	Soluble	Solid	DI Leach	
890-7494-3	SW07	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	

Analysis Batch: 98377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7494-1	SW02	Soluble	Solid	300.0	98373
890-7494-2	SW06	Soluble	Solid	300.0	98373
890-7494-3	SW07	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

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Lab Sample ID: 890-7494-1

Client Sample ID: SW02 Date Collected: 12/19/24 08:57 Date Received: 12/19/24 13:30

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			98429	MNR	EET MID	12/20/24 08:21
Total/NA	Analysis	8021B		1	98345	MNR	EET MID	12/20/24 11:23
Total/NA	Analysis	Total BTEX		1	98503	SM	EET MID	12/20/24 11:23
Total/NA	Analysis	8015 NM		1	98527	SM	EET MID	12/20/24 13:36
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 13:36
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 10:45

Client Sample ID: SW06 Lab Sample ID: 890-7494-2

Date Collected: 12/19/24 10:55 Matrix: Solid Date Received: 12/19/24 13:30

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			98429	MNR	EET MID	12/20/24 08:21
Total/NA	Analysis	8021B		1	98345	MNR	EET MID	12/20/24 11:44
Total/NA	Analysis	Total BTEX		1	98503	SM	EET MID	12/20/24 11:44
Total/NA	Analysis	8015 NM		1	98527	SM	EET MID	12/20/24 13:52
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 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 10:52

Client Sample ID: SW07 Lab Sample ID: 890-7494-3

Date Collected: 12/19/24 11:35 **Matrix: Solid** Date Received: 12/19/24 13:30

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			98429	MNR	EET MID	12/20/24 08:21
Total/NA	Analysis	8021B		1	98345	MNR	EET MID	12/20/24 12:04
Total/NA	Analysis	Total BTEX		1	98503	SM	EET MID	12/20/24 12:04
Total/NA	Analysis	8015 NM		1	98527	SM	EET MID	12/20/24 14:0
Total/NA	Prep	8015NM Prep			98404	EL	EET MID	12/19/24 21:3
Total/NA	Analysis	8015B NM		1	98430	TKC	EET MID	12/20/24 14:0
Soluble	Leach	DI Leach			98373	SMC	EET MID	12/19/24 18:2
Soluble	Analysis	300.0		1	98377	CH	EET MID	12/20/24 10:5

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: CDH Consulting Job ID: 890-7494-1

Project/Site: Jackson B #029Y

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Progra	am	Identification Number	Expiration Date
Texas	NELA	Р	T104704400	06-30-25
,	are included in this report, bu	it the laboratory is not certif	fied by the governing authority. This lis	t may include analytes
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: Jackson B #029Y

Job ID: 890-7494-1

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

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Sample Summary

Client: CDH Consulting Project/Site: Jackson B #029Y Job ID: 890-7494-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	
890-7494-1	SW02	Solid	12/19/24 08:57	12/19/24 13:30	0
890-7494-2	SW06	Solid	12/19/24 10:55	12/19/24 13:30	0-
890-7494-3	SW07	Solid	12/19/24 11:35	12/19/24 13:30	0-4

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	Environment Testing	Midland, TX (432) 7 EL Paso, TX (915 Hobbs, NM (575)	Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334 EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296 Hobbe, NM (575) 392-7550, Carisbad, NM (575) 988-3199		1
			Little Rock, AR (501) 224-5060	890-7494 Chain of Custody	11
Project Manager: M.	Michael Wicker	Bill to: (if different)			
ompany Name: CO'		Company Name:		Program: UST/PST PRP Brownfields RRC Superfund	Dunjuedn
Address:	46 Telem Melernant St	Address:		State of Project:	
e ZIP:		City, State ZIP:		Reporting: Level II Level III PST/UST TRRP	Level IV
-	1-8459	Email: MWIUKE @cdh	@cdhconsult.com	Deliverables: EDD ☐ ADaPT ☐ Other:	
Project Name: ∫*	Jules 6 # 0297 Tur	Turn Around	ANALYSIS REQUEST	EQUEST Preservative Codes	Codes
ı.	- Ro	Rush Code		None: NO	Di Water: H ₂ O
Project Location:	Loco Mils NM Due Date:	24 hr		Cool: Cool	МеОН: Ме
er's Name:	Elizabeth Nake TAT starts to	TAT starts the day received by			HNO3
PO#:	4	sietz		N 2204: H2	NaCh: Na
SAMPLE RECEIP	Diank:	1		AN . CO H . C	
Samples Received Intact.	Yes No (N) Correction Factor:	T		Na ₃ O ₃ O ₃ : Na ₃ O ₃ O ₃ O ₃ : Na ₃ O	
Sample Custody Seals:	No N			Zn Acetate+NaOH: Zn	Z,
Total Containers:	Corrected Temperature:	3.0	i	NaOH+Ascorbic Acid: SAPC	d: SAPC
Sample Identification	tion Matrix Same	10 1	1m.	Sample Comments	ments
S14)07	-		L×		
SMOG	-	Х	××		
FOMS	7 7 7 7 7	×)))	×		
			Surty Mon		
Total 200.7 / 6010	8R(SRA 13PPM Texas 11 AI Sb A	As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K	b Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr TI Sn U V 3	Zn
Circle Metriod(S) and Metal(S) to be arialyzed Notice: Signature of this document and relinquishment of sa of service. Eurofins Xenco will be liable only for the cost of service. Eurofins Annihum charge of \$85.00 will be applied Eurofins Xenco. A minimum charge of \$85.00 will be applied.	mples consti ramples and ed to each p	purchase order from client compaume any responsibility for any loaching of \$5 for each sample sub	ny to Eurofins Xenco, its affiliates and subcontracts isse or expenses incurred by the client if such losse mitted to Eurofins Xenco, but not analyzed. These te	peq.	
Relinquished by: (Signature)	gnature) Received by: (Signature)	ature) Da	Date/Time Relinquished by: (Signature)	ture)	Date/Time
May M	of alraham	(3:3	30 12/102		

12/20/2024

Login Sample Receipt Checklist

Client: CDH Consulting Job Number: 890-7494-1

Login Number: 7494 List Source: Eurofins Carlsbad

List Number: 1

Creator: Lopez, Abraham

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.	N/A	Refer to Job Narrative for details.
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	

- 200 oj 200

Login Sample Receipt Checklist

Client: CDH Consulting Job Number: 890-7494-1

Login Number: 7494 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").

Released to Imaging: 11/5/2025 3:23:11 PM

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 1/7/2025 7:58:18 PM

JOB DESCRIPTION

JACKSON B #0294 Loco Hills, NM

JOB NUMBER

890-7543-1

Eurofins Carlsbad 1089 N Canal St. Carlsbad NM 88220

Released to Imaging: 11/5/2025 3:23:11 PM

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 1/7/2025 7:58:18 PM

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

Eurofins Carlsbad is a laboratory within Eurofins Environment Testing South Central, LLC, a company within Eurofins Environment Testing Group of

Client: CDH Consulting
Project/Site: JACKSON B #0294

Laboratory Job ID: 890-7543-1
SDG: Loco Hills, NM

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Definitions/Glossary

Client: CDH Consulting

Job ID: 890-7543-1

Project/Site: JACKSON B #0294

SDG: Loco Hills, NM

o Hills, NM

Qualifiers

GC VOA

Qualifier Description

U Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier Qualifier Description

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 Job ID: 890-7543-1 Project: JACKSON B #0294

Job ID: 890-7543-1 Eurofins Carlsbad

Job Narrative 890-7543-1

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 sample was received on 1/6/2025 4:20 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.6°C.

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: (LCS 880-99667/2-A) and (LCSD 880-99667/3-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

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Sample Depth: 0-4

Job ID: 890-7543-1

Client: CDH Consulting Project/Site: JACKSON B #0294 SDG: Loco Hills, NM

Client Sample ID: SW02 Date Collected: 01/03/25 09:05 Date Received: 01/06/25 16:20

Lab Sample ID: 890-7543-1 Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/07/25 08:40	01/07/25 16:14	1
Ethylbenzene	< 0.00201	U	0.00201		mg/Kg		01/07/25 08:40	01/07/25 16:14	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/07/25 08:40	01/07/25 16:14	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/07/25 08:40	01/07/25 16:14	
m-Xylene & p-Xylene	< 0.00402	U	0.00402		mg/Kg		01/07/25 08:40	01/07/25 16:14	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/07/25 08:40	01/07/25 16:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				01/07/25 08:40	01/07/25 16:14	1
1,4-Difluorobenzene (Surr)	105		70 - 130				01/07/25 08:40	01/07/25 16:14	1
Method: TAL SOP Total BTEX -	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/07/25 16:14	1
Method: SW846 8015 NM - Diese	el Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Analyte	•	Qualifier	•	MDL	Unit mg/Kg	D	Prepared	Analyzed 01/07/25 19:31	
Analyte Total TPH		Qualifier U	RL 50.2	MDL		<u>D</u>	Prepared		
Analyte Total TPH Method: SW846 8015B NM - Die	Result <50.2 sel Range Orga	Qualifier U	RL 50.2			<u>D</u>	Prepared Prepared		1
Analyte Total TPH Method: SW846 8015B NM - Die: Analyte Gasoline Range Organics	Result <50.2 sel Range Orga	Qualifier Unics (DRO) Qualifier	RL 50.2		mg/Kg		<u> </u>	01/07/25 19:31	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Die: Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <50.2 sel Range Orga Result	Qualifier U nics (DRO) Qualifier U	RL 50.2 (GC)		mg/Kg		Prepared	01/07/25 19:31 Analyzed	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Die: Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <50.2 sel Range Orga Result <50.2	Qualifier U nics (DRO) Qualifier U	RL 50.2 (GC) RL 50.2		mg/Kg Unit mg/Kg		Prepared 01/07/25 10:51	01/07/25 19:31 Analyzed 01/07/25 19:31	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Die: Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	Result	Qualifier U nics (DRO) Qualifier U U	RL 50.2 (GC) RL 50.2 50.2		mg/Kg Unit mg/Kg mg/Kg		Prepared 01/07/25 10:51 01/07/25 10:51	01/07/25 19:31 Analyzed 01/07/25 19:31 01/07/25 19:31	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Die: Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate	Result	Qualifier U nics (DRO) Qualifier U U	RL 50.2 (GC) RL 50.2 50.2 50.2		mg/Kg Unit mg/Kg mg/Kg		Prepared 01/07/25 10:51 01/07/25 10:51 01/07/25 10:51	01/07/25 19:31 Analyzed 01/07/25 19:31 01/07/25 19:31 01/07/25 19:31	Dil Face
Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result	Qualifier U nics (DRO) Qualifier U U	RL 50.2		mg/Kg Unit mg/Kg mg/Kg		Prepared 01/07/25 10:51 01/07/25 10:51 01/07/25 10:51 Prepared	01/07/25 19:31 Analyzed 01/07/25 19:31 01/07/25 19:31 01/07/25 19:31 Analyzed	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result	Qualifier U nics (DRO) Qualifier U U Qualifier	RL 50.2 (GC) RL 50.2 50.2 50.2 Limits 70 - 130 70 - 130		mg/Kg Unit mg/Kg mg/Kg		Prepared 01/07/25 10:51 01/07/25 10:51 01/07/25 10:51 Prepared 01/07/25 10:51	Analyzed 01/07/25 19:31 Analyzed 01/07/25 19:31 01/07/25 19:31 Analyzed 01/07/25 19:31	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl Method: EPA 300.0 - Anions, Ioranlyte	Result	Qualifier U nics (DRO) Qualifier U U Qualifier	RL 50.2 (GC) RL 50.2 50.2 50.2 Limits 70 - 130 70 - 130	MDL	mg/Kg Unit mg/Kg mg/Kg		Prepared 01/07/25 10:51 01/07/25 10:51 01/07/25 10:51 Prepared 01/07/25 10:51	Analyzed 01/07/25 19:31 Analyzed 01/07/25 19:31 01/07/25 19:31 Analyzed 01/07/25 19:31	Dil Fac

Surrogate Summary

Client: CDH Consulting

Job ID: 890-7543-1

Project/Site: JACKSON B #0294

SDG: Loco Hills, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Rec
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-7543-1	SW02	114	105	
LCS 880-99630/1-A	Lab Control Sample	113	102	
LCSD 880-99630/2-A	Lab Control Sample Dup	115	102	
MB 880-99630/5-A	Method Blank	109	102	
Surrogate Legend				
BFB = 4-Bromofluorober	nzene (Surr)			
DFBZ = 1,4-Difluorobenz	zene (Surr)			

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

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limit
		1CO1	OTPH1	
ab Sample ID	Client Sample ID	(70-130)	(70-130)	
90-7543-1	SW02	71	77	
90-7543-1 MS	SW02	79	75	
90-7543-1 MSD	SW02	80	76	
CS 880-99667/2-A	Lab Control Sample	136 S1+	128	
CSD 880-99667/3-A	Lab Control Sample Dup	137 S1+	130	
1B 880-99667/1-A	Method Blank	107	110	

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Client: CDH Consulting Job ID: 890-7543-1 Project/Site: JACKSON B #0294 SDG: Loco Hills, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-99630/5-A

Matrix: Solid Analysis Batch: 99626

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 99630

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/07/25 08:40	01/07/25 11:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/07/25 08:40	01/07/25 11:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/07/25 08:40	01/07/25 11:14	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/07/25 08:40	01/07/25 11:14	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/07/25 08:40	01/07/25 11:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/07/25 08:40	01/07/25 11:14	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	01/07/25 08:	01/07/25 11:14	1
1,4-Difluorobenzene (Surr)	102		70 - 130	01/07/25 08:	10 01/07/25 11:14	1

Lab Sample ID: LCS 880-99630/1-A

Matrix: Solid

Analysis Batch: 99626

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 99630

	Бріке	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.1038		mg/Kg		104	70 - 130	
Ethylbenzene	0.100	0.1019		mg/Kg		102	70 - 130	
Toluene	0.100	0.1022		mg/Kg		102	70 - 130	
m-Xylene & p-Xylene	0.200	0.2079		mg/Kg		104	70 - 130	
o-Xylene	0.100	0.1070		mg/Kg		107	70 - 130	

LCS LCS

Surrogate	%Recovery Qualifie	er Limits
4-Bromofluorobenzene (Surr)	113	70 - 130
1,4-Difluorobenzene (Surr)	102	70 - 130

Lab Sample ID: LCSD 880-99630/2-A

Matrix: Solid

Analysis Batch: 99626

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 99630

	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.1101		mg/Kg		110	70 - 130	6	35	
Ethylbenzene	0.100	0.1077		mg/Kg		108	70 - 130	5	35	
Toluene	0.100	0.1083		mg/Kg		108	70 - 130	6	35	
m-Xylene & p-Xylene	0.200	0.2194		mg/Kg		110	70 - 130	5	35	
o-Xylene	0.100	0.1129		mg/Kg		113	70 - 130	5	35	

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

QC Sample Results

Client: CDH Consulting Job ID: 890-7543-1 Project/Site: JACKSON B #0294 SDG: Loco Hills, NM

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

Lab Sample ID: MB 880-99667/1-A

Matrix: Solid Analysis Batch: 99655 Client Sample ID: Method Blank Prep Type: Total/NA

Prep Batch: 99667

	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		01/07/25 10:51	01/07/25 18:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/07/25 10:51	01/07/25 18:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/07/25 10:51	01/07/25 18:47	1
	MB	MB							

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	01/07/25 10:51	01/07/25 18:47	1
o-Terphenyl	110		70 - 130	01/07/25 10:51	01/07/25 18:47	1

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 99667

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	1000	1154		mg/Kg		115	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	1224		mg/Kg		122	70 - 130	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	136	S1+	70 - 130
o-Terphenyl	128		70 - 130

Lab Sample ID: LCSD 880-99667/3-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Lab Sample ID: LCS 880-99667/2-A

Matrix: Solid

Analysis Batch: 99655

Analysis Batch: 99655

Prep Type: Total/NA

Prep Batch: 99667

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	1174		mg/Kg		117	70 - 130	2	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	1280		mg/Kg		128	70 - 130	5	20
C10-C28)									

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	137	S1+	70 - 130
o-Terphenyl	130		70 - 130

Lab Sample ID: 890-7543-1 MS Client Sample ID: SW02

Ma Ana

latrix: Solid				Prep Type: Total/NA
nalysis Batch: 99655				Prep Batch: 99667
	Sample Sample	Spike	MS MS	%Rec

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	<50.2	U	997	838.4		mg/Kg		84	70 - 130	
(GRO)-C6-C10										
Diesel Range Organics (Over	<50.2	U	997	837.3		mg/Kg		84	70 - 130	
C10-C28)										

Client: CDH Consulting Job ID: 890-7543-1 Project/Site: JACKSON B #0294 SDG: Loco Hills, NM

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

1/10 1/10

Client Sample ID: SW02 Lab Sample ID: 890-7543-1 MS **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 99655 Prep Batch: 99667

	IVIS	IVIS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	79		70 - 130
o-Terphenyl	75		70 - 130

Lab Sample ID: 890-7543-1 MSD Client Sample ID: SW02

Matrix: Solid Prep Type: Total/NA

Analysis Batch: 99655 Prep Batch: 99667

	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	<50.2	U	997	859.1		mg/Kg		86	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.2	U	997	866.2		mg/Kg		87	70 - 130	3	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	80		70 - 130
o-Terphenyl	76		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-99618/1-A Client Sample ID: Method Blank **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 99643

мв мв Analyte Result Qualifier RL MDL Unit D Dil Fac Prepared Analyzed Chloride <10.0 U 10.0 mg/Kg 01/07/25 09:34

Lab Sample ID: LCS 880-99618/2-A Client Sample ID: Lab Control Sample **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 99643

Spike LCS LCS %Rec Added Analyte Result Qualifier Unit D %Rec Limits Chloride 250 229.2 mg/Kg 92 90 - 110

Lab Sample ID: LCSD 880-99618/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 99643

Spike LCSD LCSD %Rec RPD Added Result Qualifier Analyte Unit %Rec Limits RPD Limit Chloride 250 230.1 mg/Kg 92 90 - 110 20

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QC Association Summary

Client: CDH Consulting

Job ID: 890-7543-1

Project/Site: JACKSON B #0294

SDG: Loco Hills, NM

GC VOA

Analysis Batch: 99626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7543-1	SW02	Total/NA	Solid	8021B	99630
MB 880-99630/5-A	Method Blank	Total/NA	Solid	8021B	99630
LCS 880-99630/1-A	Lab Control Sample	Total/NA	Solid	8021B	99630
LCSD 880-99630/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	99630

Prep Batch: 99630

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7543-1	SW02	Total/NA	Solid	5035	
MB 880-99630/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-99630/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-99630/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 99722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7543-1	SW02	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 99655

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7543-1	SW02	Total/NA	Solid	8015B NM	99667
MB 880-99667/1-A	Method Blank	Total/NA	Solid	8015B NM	99667
LCS 880-99667/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	99667
LCSD 880-99667/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	99667
890-7543-1 MS	SW02	Total/NA	Solid	8015B NM	99667
890-7543-1 MSD	SW02	Total/NA	Solid	8015B NM	99667

Prep Batch: 99667

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7543-1	SW02	Total/NA	Solid	8015NM Prep	
MB 880-99667/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-99667/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-99667/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7543-1 MS	SW02	Total/NA	Solid	8015NM Prep	
890-7543-1 MSD	SW02	Total/NA	Solid	8015NM Prep	

Analysis Batch: 99734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7543-1	SW02	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 99618

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7543-1	SW02	Soluble	Solid	DI Leach	
MB 880-99618/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-99618/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-99618/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 99643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch			
890-7543-1	SW02	Soluble	Solid	300.0	99618			

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Page 11 of 20

QC Association Summary

Client: CDH Consulting

Job ID: 890-7543-1

Project/Site: JACKSON B #0294

SDG: Loco Hills, NM

HPLC/IC (Continued)

Analysis Batch: 99643 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-99618/1-A	Method Blank	Soluble	Solid	300.0	99618
LCS 880-99618/2-A	Lab Control Sample	Soluble	Solid	300.0	99618
LCSD 880-99618/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	99618

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Lab Chronicle

Client: CDH Consulting Job ID: 890-7543-1 Project/Site: JACKSON B #0294 SDG: Loco Hills, NM

Client Sample ID: SW02 Lab Sample ID: 890-7543-1 Date Collected: 01/03/25 09:05

Matrix: Solid

Date Received: 01/06/25 16:20

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			99630	MNR	EET MID	01/07/25 08:40
Total/NA	Analysis	8021B		1	99626	MNR	EET MID	01/07/25 16:14
Total/NA	Analysis	Total BTEX		1	99722	SM	EET MID	01/07/25 16:14
Total/NA	Analysis	8015 NM		1	99734	SM	EET MID	01/07/25 19:31
Total/NA	Prep	8015NM Prep			99667	TKC	EET MID	01/07/25 10:51
Total/NA	Analysis	8015B NM		1	99655	TKC	EET MID	01/07/25 19:31
Soluble	Leach	DI Leach			99618	SA	EET MID	01/07/25 07:55
Soluble	Analysis	300.0		1	99643	CH	EET MID	01/07/25 12:31

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Carlsbad

Accreditation/Certification Summary

Client: CDH Consulting

Job ID: 890-7543-1

Project/Site: JACKSON B #0294

SDG: Loco Hills, NM

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Progra	am	Identification Number	Expiration Date		
Texas	NELA	Р	T104704400	06-30-25		
The following analytes	are included in this report he	it the laboratory is not cortif	find by the governing outbority. This lie	t maay imalyyda amalyyta		
• •	• •	it the laboratory is not certif	fied by the governing authority. This lis	t may include analytes		
for which the agency d	oes not offer certification.	•	, , ,	t may include analytes		
• •	• •	Matrix	Analyte	it may include analyte:		
for which the agency d	oes not offer certification.	•	, , ,	i may include analyte:		

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Method Summary

Client: CDH Consulting

Project/Site: JACKSON B #0294

Job ID: 890-7543-1

SDG: Loco Hills, NM

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: JACKSON B #0294

Job ID: 890-7543-1 SDG: Loco Hills, NM

 Lab Sample ID
 Client Sample ID
 Matrix
 Collected
 Received
 Depth

 890-7543-1
 SW02
 Solid
 01/03/25 09:05
 01/06/25 16:20
 0-4

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eurofins :

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

	S	
890-7543 Chain of Custody		

	Willow Pra	Relinquished by: (Signature)	of Eurofins Xenco. A minim	Notice: Signature of this document and relinquishment of samples of service Eurofine Yearon will be liable only for the cost of samples.	Girde Method(s) and Metal(s) to be analyzed	Total 200.7 / 6010							SWDZ	Sample Identification	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Samples Received Intact:	SAMPLE RECEIPT				Project Number:	Project Name:		e ZIP:			Project Manager:
	m	Signature)	um charge of \$85.00 w	ument and ralinguish	Metal(s) to be a	0 200.8 / 6020:					1					Yes No	Yes No	٦	Temp Blank:		cuch	V SILH OSO		Jackson B	470-	Thernton, (9446 Clermont	CDH Consulting	Michael W
		Receive	/III be applied to each	ment of samples con	nalyzed								5 01/03/15	Matrix Date Sampled	Corrected T	N/A Temperature Reading:	N/A Correction Factor:	,	k: Yes Char		Nylex	WN		B #0297	6454	6	of street	tial;	Wicker
		Received by: (Signature)	n project and a charg	etitutos e valid purob	ICLP / SPLP	SECEA 13PPM							0905 0-4	Time De	Corrected Temperature: / -	e Reading:		-	Wet Ice:	the lab, if received by 4:30pm	TAT starts the day	Due Date: 2	☐ Routine 🌣	Turn Around	Email: h	City		Cor	Bill
		9)	e of \$5 for each a	any responsibility	6010: 8RC	Төжөө 11								Depth Comp	5	×	0.2	Micc	Yes No	d by 4:30pm	y received by	2445	ד			City, State ZIP:	Address:	Company Name:	Bill to: (if different)
	7	D	sample sul	for any lo	RA Sb	A 86	-	-	_	1			~	Cont BT	= 1		Pa	ram	ete	rs			Pres. Code		ococh				-
	1	Date/Time	omitted to Eurofine	any to Eurofins Xt	As Ba Be (As Ba Be B				May	•		XXX	TPH	1										acoch consolt, con				
4		Relinquished by: (Signature)	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 in	Notice: Signature of this do <u>cument and retinquishment of samples constitutes a valid purchase and somethorn bompany to Euroffia Xenco, its attnitives and soutcontractors. It assigns standard forms and conditions of samples and shall not assure any responsibility for any losses or expenses incurred by the cilent if such losses are due to circumstances beyond the contro</u>	ICLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni S	Al Sb As Ba Ba B Gd Ca Cr Cn Cu Fe Ph Mg Min				100														ANALYSIS REQUEST	Deli	Rep	Staf	Pro	
		Received by: (Signature)	terms will be enforced unless previously negotiated.	NOTS. It assigns standard terms and conditions uses are due to circumstances beyond the control	¹ o Ni Se Ag TI ∪ Hg: 1631	Mo NII K SO																		31	Deliverables: EDD ADal	Reporting: Level II 🗌 Level III 🔲 PST/UST 🔲 TRRP 📗	State of Project:	Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐	Work Order
		ature) Date/Time	sted		Hg: 1631 / 245.1 / 7470 / 7471	Ala Si II Si U V Zi S								Sample Comments	NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	Na ₂ S ₂ O ₃ : NaSO ₃	NaHSO ₄ : NABIS	H₃PO₄: HP	H ₂ S0 ₄ : H ₂ NaOH: Na		Cool: Cool MeOH: Me	None: NO DI Water: H ₂ O	Preservative Codes	ADaPT Other:	ST/UST TRRP Level IV	'	wnfields 🗌 RRC 🔲 Superfund 🗌	Work Order Comments

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Eurofins Carlsbad

Carlsbad, NM 88220

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Chain of Custody Record

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Environment Testing

State, Zip: TX, 79701 Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/flests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC altention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC. SW02 (890-7543-1) Project Name:
JACKSON B #0294 432-704-5440(Tel) 1211 W. Florida Ave, Phone: 575-988-3199 Fax: 575-988-3199 Sample Identification - Client ID (Lab ID) Midland ossible Hazard Identification elinquished by: elinquished by: Deliverable Requested: I, II, III, IV, Other (specify) elinquished by: mpty Kit Relinquished by: lient Information rofins Environment Testing South Centr Custody Seals Intact: ipping/Receiving Yes 8 (Sub Contract Lab Custody Seal No 89000037 N/A # Sampler N/A Phone: N/A Due Date Requested: 1/7/2025 N TAT Requested (days): Date/Time Date/Time Primary Deliverable Rank: 2 Sample Date 1/3/25 Date Sample Centra Time 09:05 N N (C=comp, G=grab) Sample Preservation Code: Type G Company Company Company Matrix Solid Allen, Jodi L E-Mail: Jodi.Allen@et.eurofinsus.com Ime: Field Filtered Sample (Yes or No) NELAP - Texas Accreditations Required (See note) Perform MS/MSD (Yes or No) Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client Disposal By Lab Archive For Monte Special Instructions/QC Requirements: Return To Client 300_ORGFM_28D/DI_LEACH Chloride Cooler Temperature(s) °C and Other Remarks Received by: × 8015MOD_NM/8015NM_S_Prep (MOD) Full TPH × × 8015MOD_Calc × 8021B/5035FP_Calc (MOD) BTEX - LL **Analysis Requested** × Total_BTEX_GCV State of Origin: Texas NA Method of Shipment Tracking No(s) Date/Time Date/Time Date/Time ★ Total Number of containers COC No: 890-4478.1 Page: Page 1 of 1 Preservation Codes: Job # Special Instructions/Note: Company Company Company Ver: 10/10/2024

Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7543-1

SDG Number: Loco Hills, NM

Login Number: 7543 List Source: Eurofins Carlsbad

List Number: 1

Creator: Lopez, Abraham

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	

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Login Sample Receipt Checklist

Client: CDH Consulting

Job Number: 890-7543-1 SDG Number: Loco Hills, NM

Login Number: 7543 **List Source: Eurofins Midland** List Number: 2 List Creation: 01/07/25 09:20 AM

Creator: Rios, Minerva

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	N/A	

<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 512426

QUESTIONS

Operator:	OGRID:
MR NM Operating LLC	330506
5950 Berkshire Lane	Action Number:
Dallas, TX 75225	512426
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2235556172
Incident Name	NAPP2235556172 JACKSON B #029Y @ 30-015-21473
Incident Type	Produced Water Release
Incident Status	Reclamation Report Received
Incident Well	[30-015-21473] JACKSON B #029Y

Location of Release Source						
Please answer all the questions in this group.						
Site Name	JACKSON B #029Y					
Date Release Discovered 09/29/2022						
Surface Owner	Federal					

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
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	Not answered.
Produced Water Released (bbls) Details	Cause: Downhole Well Maintenance Well Produced Water Released: 18 BBL Recovered: 0 BBL Lost: 18 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
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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QUESTIONS, Page 2

Action 512426

QUESTIONS (d	continued
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Operator: MR NM Operating LLC	OGRID: 330506
5950 Berkshire Lane	Action Number:
Dallas, TX 75225	512426
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)
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	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	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 s	afety 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.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative o led or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releathe OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Ginger Fast Title: Consultant Email: gfast@CDHConsult.com

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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 512426

QUESTIONS (continued)

Operator:	OGRID:
MR NM Operating LLC	330506
5950 Berkshire Lane	Action Number:
Dallas, TX 75225	512426
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Site Characterization		
Please answer all the questions in this group (only required when seeking remediation plan approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)	
What method was used to determine the depth to ground water	Attached Document	
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)	Greater than 5 (mi.)	
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)	
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)	
Any other fresh water well or spring	Greater than 5 (mi.)	
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)	
A wetland	Between 1 and 5 (mi.)	
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	None	
A 100-year floodplain	Greater than 5 (mi.)	
Did the release impact areas not on an exploration, development, production, or storage site	No	

Remediation Plan		
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.		
Requesting a remediation plan approval with this submission	Yes	
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination as	ssociated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
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)	36200	
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	106	
GRO+DRO (EPA SW-846 Method 8015M)	106	
BTEX (EPA SW-846 Method 8021B or 8260B)	0	
Benzene (EPA SW-846 Method 8021B or 8260B)	0	
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.		
On what estimated date will the remediation commence	11/15/2024	
On what date will (or did) the final sampling or liner inspection occur	12/15/2024	
On what date will (or was) the remediation complete(d)	12/15/2024	
What is the estimated surface area (in square feet) that will be reclaimed	24000	
What is the estimated volume (in cubic yards) that will be reclaimed	4000	
What is the estimated surface area (in square feet) that will be remediated	2700	
What is the estimated volume (in cubic yards) that will be remediated	2500	
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.		

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 4

Action 512426

QUESTIONS	(continued)

Operator:	OGRID:
MR NM Operating LLC	330506
5950 Berkshire Lane	Action Number:
Dallas, TX 75225	512426
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

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Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the	e 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	e / 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	fEEM0112340644 R360 ARTESIA LLC LANDFARM
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
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.)	No
(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)	No
0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

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.

Name: Ginger Fast
Title: Consultant
Email: gfast@CDHConsult.com
Date: 10/06/2025

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

QUESTIONS, Page 5

Action 512426

QUESTIONS (continued)

Operator:	OGRID:
MR NM Operating LLC	330506
5950 Berkshire Lane	Action Number:
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	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

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 512426

QUESTIONS (continued)

Operator:	OGRID:
MR NM Operating LLC	330506
5950 Berkshire Lane	Action Number:
Dallas, TX 75225	512426
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	415960
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/03/2025
What was the (estimated) number of samples that were to be gathered	1
What was the sampling surface area in square feet	200

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all re	emediation steps have been completed.
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	9342.9
What was the total volume (cubic yards) remediated	2676
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	See attached Remediation Closure Request.

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

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Title: Consultant
Email: gfast@CDHConsult.com
Date: 10/06/2025

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Action 512426

QUESTIONS (COITHINGE)	QUESTIONS ((continued)
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Operator: MR NM Operating LLC	OGRID: 330506
5950 Berkshire Lane	Action Number:
Dallas, TX 75225	512426
,	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)
QUESTIONS	
Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	24000
What was the total volume of replacement material (in cubic yards) for this site	4000
	four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 ver must include a top layer, which is either the background thickness of topsoil or one foot of suitable material
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeding commence(d)	05/31/2026
Summarize any additional reclamation activities not included by answers (above)	See attached Reclamation Report
	eclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13
to report and/or file certain release notifications and perform corrective actions for releas the OCD does not relieve the operator of liability should their operations have failed to a water, human health or the environment. In addition, OCD acceptance of a C-141 report	mowledge and understand that pursuant to OCD rules and regulations all operators are required ses which may endanger public health or the environment. The acceptance of a C-141 report by dequately investigate and remediate contamination that pose a threat to groundwater, surface does not relieve the operator of responsibility for compliance with any other federal, state, or ally restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed no notification to the OCD when reclamation and re-vegetation are complete.

Name: Ginger Fast Title: Consultant

Date: 10/06/2025

Email: gfast@CDHConsult.com

I hereby agree and sign off to the above statement

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QUESTIONS, Page 8

Action 512426

QUESTIONS (continued)

Operator:	OGRID:
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Dallas, TX 75225	512426
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report		
Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.		
Requesting a restoration complete approval with this submission	No	
Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.		

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CONDITIONS

Action 512426

CONDITIONS

Operator:	OGRID:
MR NM Operating LLC	330506
5950 Berkshire Lane	Action Number:
Dallas, TX 75225	512426
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	The reclamation report has been approved pursuant to 19.15.29.13 E. NMAC. The acceptance of this 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; or if the location fails to revegetate properly. In addition, the OCD approval does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.	11/5/2025